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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

MRR

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

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RE24 NIS-1 Form for Class 1, 2, 3 Components Attachment 1, Inservice Inspection Report

RE24 NIS-1 Form for Class MC Components Attachment 1, Inservice Inspection Report

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)

	(Name and A	ddress of Owner)		
2. Plant Cooper Nucle	ear Station, 72626 648A Avenue,		E 68321-0098	TO CONTROL TO THE STATE OF THE
		ddress of Plant)		
3. Plant Unit 1	4. Owner	Certificate of Authorization	(if required) N/A	
5. Commercial Service Dat	te 07/01/1974 6. Nation	al 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
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(*) 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 11/23/2	2006		to 5/17/	2008		
9. Inspection Period Identification	on: Period 1: 3/1/2	2006	to 6/30/	2009		
10. Inspection Interval Identifica	tion: Interval 4: 3/1/	2006	to 2/29/	2016		
11. Applicable Edition of Section	n XI 2001		Addenda	2003		
12. Date/Revision of Inspection 1						
13. Abstract of Examinations and Inspection Plan. See Attachment 1	d Tests. Include a list	t of examinations and tests			ing status of work required for the	
14. Abstract of Results of Exami See Attachment 1	inations and Tests.				,	
15. Abstract of Corrective Meason See Attachment 1	ures.					
·						
We certify that a) the state ASME Code, Section XI, and c)					et the Inspection Plan as required by tion XI.	y the
	corrective measures					
ASME Code, Section XI, and c)	corrective measures (if applicable) N	taken conform to the rules N/A ska Public Power Distri	of the ASME C		tion XI.	
ASME Code, Section XI, and c) Certificate of Authorization No.	corrective measures (if applicable) Signed Nebra	taken conform to the rules N/A ska Public Power Distri	of the ASME C	ode, Sec	tion XI. X. Elliano	
ASME Code, Section XI, and c) Certificate of Authorization No.	corrective measures (if applicable) Signed Nebra Owner	taken conform to the rules N/A ska Public Power Distri	of the ASME C Expiration Date Ct	By	Vasant N. Bhardwaj	
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ASME Code, Section XI, and c) Certificate of Authorization No. Date 7/22/2005	corrective measures (if applicable) Signed Nebra Owner Commission issued by the	taken conform to the rules I/A ska Public Power Distri CERTIFICATE OF INS	e of the ASME C Expiration Date ct ERVICE INSE	By PECTIO I Inspecto	Vasant N. Bhardwaj N rs and the State or Province of	
ASME Code, Section XI, and c) Certificate of Authorization No. Date 7/22/2005 I, the undersigned, holding a valid of	corrective measures (if applicable) Signed Nebra Owner Commission issued by the	taken conform to the rules I/A ska Public Power District CERTIFICATE OF INS the National Board of Boiler all lartford Steam Boiler Inspec	e of the ASME C Expiration Date ct ERVICE INSF and Pressure Vesse ection and Insura	By PECTIO I Inspecto	Vasant N. Bhardwaj N rs and the State or Province of	- for
ASME Code, Section XI, and c) Certificate of Authorization No. Date 7/22/2005 I, the undersigned, holding a valid of Nebraska Hartford, Connecticut	corrective measures (if applicable) Signed Nebra Owner Commission issued by the	taken conform to the rules N/A ska Public Power Distri CERTIFICATE OF INS the National Board of Boiler a lartford Steam Boiler Inspected the	e components des	By PECTIO I Inspecto	Vasant N. Bhardwaj N rs and the State or Province of of Connecticut	- for
ASME Code, Section XI, and c) Certificate of Authorization No. Date 7/22/2005 I, the undersigned, holding a valid of Nebraska Hartford, Connecticut 11/23/2006 to examinations and tests and taken c	corrective measures (if applicable) N Signed Nebra Owner Commission issued by the and employed by H	taken conform to the rules I/A ska Public Power District CERTIFICATE OF INS the National Board of Boiler at lartford Steam Boiler Inspected the part inspected the part and state that to	e components des	By PECTIO I Inspecto nce Co. cribed in to	Vasant N. Bhardwaj N rs and the State or Province of of Connecticut his Owner's Report during the period	of of
ASME Code, Section XI, and c) Certificate of Authorization No. Date 7/22/2005 I, the undersigned, holding a valid of Nebraska Hartford, Connecticut 11/23/2006 to examinations and tests and taken c Code, Section XI. By signing this certificate neither	corrective measures (if applicable) Nebra Owner Commission issued by the and employed by Heart 105/17/2008 Corrective measures describe Inspector nor his emis Owner's Report. Further 105/17/2008.	taken conform to the rules I/A Ska Public Power District CERTIFICATE OF INS the National Board of Boiler a lartford Steam Boiler Inspected the and state that to cribed in this Owner's Report apployer makes any warranty, thermore, neither the Inspected.	ERVICE INSE ection and insural e components des the best of my kr in accordance with expressed or implior nor his employer	By PECTIO I Inspecto nce Co. cribed in the inspecto, the concertion of the inspector of the	Vasant N. Bhardwaj N rs and the State or Province of of Connecticut this Owner's Report during the period and belief, the Owner has performed ection plan and as required by the ASM	of of
ASME Code, Section XI, and c) Certificate of Authorization No. Date 7/22/2005 I, the undersigned, holding a valid of Nebraska Hartford, Connecticut 11/23/2006 examinations and tests and taken of Code, Section XI. By signing this certificate neither corrective measures described in the	corrective measures (if applicable) Nebra Owner Commission issued by the and employed by Heart of the Inspector nor his emis Owner's Report. Furt of any kind arising from	taken conform to the rules I/A ska Public Power Distri CERTIFICATE OF INS the National Board of Boiler a lartford Steam Boiler Inspected th , and state that to cribed in this Owner's Report apployer makes any warranty, thermore, neither the Inspected in or connected with this inspected	EXPIRED INSERT OF THE PROPERTY	By PECTIO I Inspecto nce Co. of cribed in the inspecto, the inspector of the inspector	Vasant N. Bhardwaj N rs and the State or Province of of Connecticut his Owner's Report during the period and belief, the Owner has performed ection plan and as required by the ASM ming the examinations, tests, and	of of

(*) SEE "ATTACHMENT 1" FOR APPLICABLE INFORMATION

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

Component ID:

Summary No.:

3. Plant Unit: 1 6. National Certificate of Authorization (If Required): N/A

Exam Credit: PSI	Equal: 19			 	
Category: B-0	3-2 Equal:	: 1	<u> </u>		
Item No.:	B7.70	Equal: 1	1		

Class: System:

B7.70.0017 MS-RV-71C Valve Body Bolting MS

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures VE-S08-295 4529312 VT-1 N/A Accept

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.

Component Description

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

Component ID: Summary No .: Class: System: Component Description

SW-PC-A1 D1,30.0002 Pump Support Integrally Welded Atttachment

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

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

Summary No.: Component ID; Class: System: Component Description MSS-21 F1,10.D.0010 MS Mechanical Snubber

Work Order Exam Method Report No. Code Case Comments / Corrective Measures Results 4546751 VF-S08-296

PSI examination per IWF-5200(a). Reference: R/R Record 07-033. VT-3 Accept CC-686

Summary No.: Component ID: Class: System: Component Description F1.10.D.0012 MSS-63 MS Mechanical Snubber

Work Order Exam Method Report No. <u>Results</u> Code Case Comments / Corrective Measures 4546749 VT-3 VE-S08-298 CC-686 PSI examination per IWF-5200(a). Reference: R/R Record 07-032. Accept

Summary No.: Component ID: Class: System: Component Description RFS-13 F1,10.D.0016 RF Mechanical Snubber

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4546752 VT-3 VE-S08-299 CC-686 PSI examination per IWF-5200(a), Reference: R/R Record 07-034. Accept

Summary No .: Component ID: Class: System: Component Description RHS-69B Mechanical Snubber F1.10.D.0043 1 RHR

Code Case Comments / Corrective Measures Work Order Exam Method Report No. Results PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-4444292 VT-3 VE-S08-300 CC-686 Accept 031.

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

4546775

VT-3

VE-S08-306

Accept

056.

4. Commercial Service Date: 07/01/1974

CC-686 PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-

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

3. Plant Unit: 1		6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:	Class; System; Component Description
F1.10.D.0045	RHS-71	1 RHR Mechanical Snubber .
Work Order Exam Method	Report No.	Results Code Case Comments / Corrective Measures
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 Equa	: 6
Summary No.: F1.20.D.0007	Component ID: MSS-4	Class: System: Component Description MS Hydraulic Snubber, Fig.20
Work Order Exam Method	Report No.	Results Code Case Comments / Corrective Measures
4546748 VT-3	VE-S08-297	Accept CC-686 PSI examination per IWF-5200(a). Reference: R/R Record 07-042
Summary No.:	Component ID:	Class: System; Component Description
F1.20.D.0018	RHS-25	2 RHR Hydraulic Snubber, Fig.201
Work Order Exam Method	Report No.	Results Code Case Comments / Corrective Measures
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> F1.20.D.0020	Component ID:	Class: System: Component Description 2 RHR Hydraulic Snubber, Fig.201
Work Order Exam Method	Donart No.	
4546776 VT-3	<u>Report No.</u> VE-S08-303	Results Code Case Comments / Corrective Measures Accept CC-686 PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-055.
<u>Summary No.:</u> F1.20.D.0022	Component ID:	Class: System; Component Description 2 RHR Mechanical Snubber
		• '''''
Work Order Exam Method	Report No.	Results Code Case Comments / Corrective Measures
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> F1.20.D.0028	Component ID:	Class: System; Component Description
		2 RHR Hydraulic Snubber, Fig. 200
Work Order Exam Method	Report No.	Results Code Case Comments / Corrective Measures
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> F1.20.D.0042	Component ID;	Class: System: Component Description BHD Hydraulis Southers Fig 201 and (1) of two (2)
F 1.20.D.0042	KHO-70A	2 RHR Hydraulic Snubber, Fig.201, one (1) of two (2)
Work Order Exam Method	Report No.	Results Code Case Comments / Corrective Measures

- 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

Summary No .:

Item No.:

F1.40.B

Component ID:

- 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.: F1.30.A Equal: 1 Component ID: Summary No.: Class: System: Component Description SW-S-68 F1.30.A.0200 SW Stanchion 3 Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4525684 VE-S08-275 CC-686 Pre-Service examination performed when piping support was reinstalled in conjunction with Accept 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 Summary No.: Component ID: Class: System: Component Description F1.30.D.0053 VRS-41 MSRV Mechanical Snubber 3 Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4546753 VT-3 VE-S08-307 PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-Accept CC-686 035.

Equal: 4

Component ID: Summary No.: Class: System: Component Description REC-PA-S1 F1.40.B.0006 REC Pump Support 3 Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4475035 VT-3 VF-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.

Class: System: Component Description

F1.40.B.0014 SW-BPA-S1 3 SW Booster Pump Support

Work Order Exam Method 4540005 VT-3 VE-S08-293 Accept N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Pre-Service examination

4340005 V1-3 VE-508-293 Accept N-686, N- 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.

 Summary No.:
 Component ID:
 Class:
 System:
 Component Description

 F1.40.B.0015
 SW-BPB-S1
 3
 SW
 Booster Pump Support

 Work Order
 Exam Method
 Report No.
 Results
 Code Case
 Comments / Corrective Measures

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

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

4397761for exam data.

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

Brownville, NE 68321-0098	}					
3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N/A
Exam Credit: Sec.XI	Equal: 178					
Category: B-A	\ Equal: 13					
Item No.:	B1.12 Equa	l: 12			ز	
Summary No.;	Component ID;			Class:	System;	Component Description
B1.12.0001	VLA-BA-1			1	NB	RPV Shell Course 1 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case	e <u>Com</u> r	nents / Co	rrective Measures
4547374 Remote Auto UT	VE-S08-242	Accept	N/A			ouwthwest Technologies Automated Ultrasonic Examination of the Reactor Final Report. Total examination coverage obtained 90.5%.
Summary No.:	Component ID:					Component Description
B1.12.0002	VLA-BA-2			1	NB	RPV Shell Course 1 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case	e <u>Com</u> r	nents / Co	<u>rrective Measures</u>
4547374 Remote Auto UT	VE-S08-243	Accept	N/A	Press	ure Vessel	ouwthwest Technologies Automated Ultrasonic Examination of the Reactor Final Report. Total examination coverage obtained 77,6%. Reference CR- for <90% coverage. Relief Request Required.
Summary No.:	Component ID:					Component Description
B1.12.0003	VLA-BA-3			1	NB	RPV Shell Course 1 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case	e <u>Comr</u>	nents / Co	rrective Measures
4547374 Remote Auto UT	VE-S08-244	Accept	N/A	Press	ure Vessel	ouwthwest Technologies Automated Ultrasonic Examination of the Reactor Final Report. Total examination coverage obtained 78.0%. Reference CR- for <90% coverage. Relief Request Required.
Summary No.:	Component ID:					Component Description
B1.12.0004	VLB-BA-1			1	NB	RPV Shell Course 2 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Com</u>	nents / Co	rrective Measures
4547374 Remote Auto UT	VE-S08-245	Accept	N/A	Press	ure Vessel	ouwthwest Technologies Automated Ultrasonic Examination of the Reactor Final Report. Total examination coverage obtained 88.7%. Reference CR-for <90% coverage. Relief Request Required.
Summary No.:	Component ID;			Class:	System:	•
B1.12.0005	VLB-BA-2			1	NB	RPV Shell Course 2 Longitudinal Seam Weld
Work Order Exam Method	Report No.					rrective Measures
4547374 Remote Auto UT	VE-S08-246	Accept	N/A			puwthwest Technologies Automated Ultrasonic Examination of the Reactor Final Report. Total examination coverage obtained 93,3%.
Summary No.:	Component ID:			Class:	System:	Component Description
B1.12.0006	VLB-BA-3			1	NB	RPV Shell Course 2 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Comn</u>	nents / Co	rrective Measures
4547374 Remote Auto UT	VE-S08-247	Accept	N/A	Press	ure Vessel	puwthwest Technologies Automated Ultrasonic Examination of the Reactor Final Report. Total examination coverage obtained 67.6%. Reference CR-for <90% coverage. Relief Request Required.

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

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

Summary No.:	Component ID:		Class: System: Component Description
B1.12.0007	VLC-BB-1		1 NB RPV Shell Course 3 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.:	Component ID:		Class: System: Component Description
B1.12.0008	VLC-BB-2		1 NB RPV Shell Course 3 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.:	Component ID:	-	Class: System: Component Description
B1.12.0009	VLC-BB-3		NB RPV Shell Course 3 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.:	Component ID:		Class: System: Component Description
B1.12.0010	VLD-BB-1		1 NB RPV Shell Course 4 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID;		Class: System: Component Description
B1.12.0011	VLD-BB-2		1 · NB RPV Shell Course 4 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID;		Class: System: Component Description
B1.12.0012	VLD-BB-3		1 NB RPV Shell Course 4 Longitudinal Seam Weld
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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

Summary No.:	Component ID:	Class:	System:	Component Description
B1.30.0001	VCB-BC-5	1	NB	RPV Shell Course 4 to Flange Weld

WOLK Older Exam Method	Report No.	Results	Code Case	Commi	ents / Corre	CHVE	weat	surt	<u>;5</u>
4545054 5									

Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 93.7%. 4547374 Remote Auto UT VE-S08-254 Accept N/A

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

;	. Plant Unit: 1					
ĺ	Category:	B-D	Equal:	12		
-	Item No.:	ВЗ	.100	Equal:	6	 -

Component ID:

Report No.

Summary No .:

Summary No.: Component ID: Class: System: Component Description NVIR-BD-N1A RPV Nozzle Inner Radius Section B3.100.0001 NB Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 Modified VT-1 BWRVIP-S08091 N-648-1, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage NRI 460, N-624 obtained 100.0%.

NVIR-BD-N2E B3.100.0007 NB RPV Nozzle Inner Radius Section Work Order Exam Method Report No. Code Case Comments / Corrective Measures 4547371 Modified VT-1 BWRVIP-S08109 NRI N-686, N-Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage 460 obtained 35.0%.

Class: System: Component Description

Class: System: Component Description Summary No.: Component ID: B3.100.0010 NVIR-BD-N2H NB **RPV Nozzle Inner Radius Section** Work Order Exam Method Report No. Code Case Comments / Corrective Measures 4547371 Modified VT-1 BWRVIP-S08131 N-648-1, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage 460, N-624 obtained 40.0%.

Summary No .: Component ID: Class: System: Component Description NVIR-BD-N2K B3.100.0012 NB RPV Nozzle Inner Radius Section Report No. Work Order Exam Method Results Code Case Comments / Corrective Measures 4547371 Modified VT-1 BWRVIP-S08095 NRI N648-1, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage 460, N-624 obtained 25.0%.

Summary No .: Component ID: Class: System: Component Description B3.100.0013 **NVIR-BD-N3A** RPV Nozzle Inner Radius Section 1 Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 Modified VT-1 BWRVIP-S08133 N-648-1, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage 460, N-624 obtained 100.0%.

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

Work Order Exam Method Results Code Case Comments / Corrective Measures N-648-1, N- Exam Sat. See Areva RE24 IVVI Final Report. Total examination coverage obtained 40.0%. 4547371 Modified VT-1 BWRVIP-S08035 NRI 460, N-624

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

7/22/2008

4. Commercial Service Date: 07/01/1974

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

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

Plant Unit: '	1			6. National Certificate of Authorization (If Required): N/A
]·	tem No.:	B3.90 Equa	1: 6	
Summary No.:		Component ID:		Class: System: Component Description
3.90.0001		NVE-BD-N1A		1 NB RPV Shell to Nozzle Weld
Work Order E	xam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.:		Component ID:		Class: System: Component Description
33.90.0007		NVE-BD-N2E	•	1 NB RPV Nozzle to Shell Weld
Work Order E	xam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547541	Manual UT	VE-S08-262	Accept	N-613-1, N-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.
Summary No.:		Component ID:		Class; System: Component Description
33.90.0010		NVE-BD-N2H		1 NB RPV Nozzie to Shell Weld
Work Order E	xam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547544	Manual UT	VE-S08-260	Accept	N-613-1, N- 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.
Summary No.:		Component ID:		Class; System; Component Description
33.90.0012		NVE-BD-N2K		1 NB RPV Nozzle to Shell Weld
Work Order E	xam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.:	· · · · · · · · ·	Component ID:		Class: System: Component Description
33.90.0013		NVE-BD-N3A		1 NB RPV Shell to Nozzle Weld
Work Order E	xam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547545	Manual UT	VE-S08-001	Accept	N-613-1, N- 639, N-460 639, N-460 639, N-460 CR-CNS-2008-2700 for <90% coverage. Relief Request Required.
Summary No.:		Component ID:		Class: System: Component Description
33.90.0021		NVE-BD-N5A		1 NB RPV Nozzle to Shell Weld
Work Order E	xam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547547	Manual UT	VE-S08-263	Accept	N-613-1, N- 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.

2 Plant Unit: 1

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

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98,
- Brownville, NE 68321-0098
- 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.:	B6.1	10	Equal:	27

Summary No.: Component ID; Class: System: Component Description PRR-RG1-1 B6.10.0001 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52) Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547540 N-686 N-VT-1 VT-S08-092 Accept Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

460, N-624

Summary No.; Component ID: Class: System: Component Description Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52) B6.10.0010 PRB-BG1-10 Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547540 VT-1 VT-S08-101 N-686, N-Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624

Class: System: Component Description Summary No.: Component ID: B6.10.0011 PRB-BG1-11 Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52) Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547540 VT-1 VT-S08-102 N-686, N-Exam Sat. See AREVA RE24 Manual ISI Outage Report. Accept 460, N-624

Summary No.: Component ID: Class: System: Component Description PRB-BG1-12 B6.10.0012 Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52) NB Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547540 VT-1 VT-S08-103 N-686, N-Exam Sat. See AREVA RE24 Manual ISI Outage Report. Accept 460, N-624

Summary No.: Component ID: Class: System: Component Description B6.10.0013 PRB-BG1-13 Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52) NB Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547540 VT-1 VT-S08-104 N-868, N-Accept Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624

Summary No.: Component ID: Class: System: Component Description PRB-BG1-14 R6 10 0014 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52) Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547540 VT-1 VT-S08-105 N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. Accept 460, N-624

Summary No.: Component ID: Class: System: Component Description B6.10.0015 PRB-BG1-15 Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52) Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547540 V/T_1 VT-S08-106 Accept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624

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

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

3. Plant Unit: 1			6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:		Class: System: Component Description
36.10.0016	PRB-BG1-16		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-107	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:		Class: System: Component Description
36.10.0017	PRB-BG1-17		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-108	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.: 36.10.0018	Component ID: PRB-BG1-18		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-109	Accept	N-686, N- 460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report.
Summary No.:	Component ID:		Class: System: Component Description
86.10.0019	PRB-BG1-19		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-110	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:		Class: System: Component Description
36.10.0002	PRB-BG1-2		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-093	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.: 36.10.0020	Component ID: PRB-BG1-20		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
		D	
Work Order Exam Method 4547540 VT-1	<u>Report No.</u> VT-S08-111		Code Case Comments / Corrective Measures N. 696 N. Evan Sat. San AREVA RE24 Manual ISI Outage Report
4547540 V121	V1-306-111	Accept	N-686, N- 460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report.
Summary No.: 36.10.0021	Component ID: PRB-BG1-21		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
		Daniele-	
Work Order Exam Method 4547540 VT-1	Report No. VT-S08-112	Results Accept	Code Case Comments / Corrective Measures N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report.

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

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

3. Plant Unit: 1			6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:		Class: System: Component Description
B6.10.0022	PRB-BG1-22		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-113	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:		Class: System: Component Description
B6.10.0023	PRB-BG1-23		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-114	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:		Class: System: Component Description
B6.10.0024	PRB-BG1-24		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-115	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:		Class: System: Component Description
B6.10.0025	PRB-BG1-25		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-116	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N624
Summary No.:	Component ID:		Class: System: Component Description
B6.10.0026	PRB-BG1-26		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-117	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:		Class: System: Component Description
B6.10.0027	PRB-BG1-27		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-118	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:		Class: System: Component Description
B6.10.0003	PRB-BG1-3		1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Method 4547540 VT-1	<u>Report No.</u> VT-S08-094	Results	Code Case Comments / Corrective Measures N.696 N. From Set. See ARENA RE24 Measured ISL Outgoo Report
-0-10-10 VI-1	V 1-500-034	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report.

460, N-624

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

PRC-BG1-1

Report No.

VT-S08-120

B6.50.0001

4547540

Work Order Exam Method

VT-1

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required); N/A

3. Plant Unit: 1		6. National Certificate of Authorization (If Required): N/
Summary No.:	Component ID:	Class: System: Component Description
36.10.0004	PRB-BG1-4	1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Metho	d <u>Report No.</u> <u>Results</u>	Code Case Comments / Corrective Measures
454754 0 VT-1	VT-S08-095 Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:	Class: System: Component Description
36.10.0005	PRB-BG1-5	1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Metho	d Report No. Results	
4547540 VT-1	VT-S08-096 Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:	Class: System: Component Description
36.10.0006	PRB-BG1-6	1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Metho	d Report No. Results	Code Case Comments / Corrective Measures
454754 0 VT-1	VT-S08-097 Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:	Class: System: Component Description
36.10.0007	PRB-BG1-7	1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Metho		•
4547540 VT-1	VT-S08-098 Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.;	Component ID:	Class: System: Component Description
36.10.0008	PRB-BG1-8	1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Metho	d <u>Report No.</u> <u>Results</u>	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-099 Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:	Class: System: Component Description
36.10.0009	PRB-BG1-9	1 NB Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)
Work Order Exam Metho	d Report No. Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-100 Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
ltem No.:	B6.50 Equal: 27	
Summary No.:	Component ID:	Class: System: Component Description
20 50 0004	DDC DC4 4	Description of the second of t

Results Code Case Comments / Corrective Measures

460, N-624

Accept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report.

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

Work Order Exam Method

VT-1

4547540

Report No.

VT-S08-135

Accept

460, N-624

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

3. Plant Unit: 1	,	6. National Certificate of Authorization (If Required): N//
Summary No.: 36.50.0010	Component ID: PRC-BG1-10	Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method 4547540 VT-1	Report No. Result VT-S08-129 Accep	
Summary No.: 36.50.0011	Component ID: PRC-BG1-11	Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method 4547540 VT-1	Report No. Result VT-S08-130 Accep	
Summary No.: 36.50.0012	Component ID; PRC-BG1-12	Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method	Report No. Result	s Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-131 Accep	t N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID: PRC-BG1-13	Class: System: Component Description
36.50.0013		NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method 4547540 VT-1	Report No. Result VT-S08-132 Accep	
Summary No.: 36.50.0014	Component ID: PRC-BG1-14	Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method 4547540 VT-1	Report No. Result VT-S08-133 Accep	
Summary No.: 36.50.0015	Component ID: PRC-BG1-15	Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method	Report No. Result	
4547540 VT-1	VT-S08-134 Accep	
Summary No.: 36.50.0016	Component ID: PRC-BG1-16	Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report.

Results Code Case Comments / Corrective Measures

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

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

4547540 VT-1 VT-S08-137 Accept N-686, N-460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report. Summary No.: Component ID: PRC-BG1-19 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures	
4547540 VT-1 VT-S08-136 Accept N-686, N-460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report. Summary No.:	two (52)
Summary No.: Component ID: PRC-BG1-18 Results Code Case 4547540 VT-1 VT-S08-137 Component ID: N-686, N-460, N-624 Code Case Accept N-686, N-460, N-624 Component ID: N-686, N-460, N-62	two (52)
NB Reactor Pressure Vessel Closure Washer, one (1) of fifty Work Order Exam Method	two (52)
Work Order Exam Method Report No. Results Code Case 4547540 VT-1 VT-S08-137 Accept N-686, N-460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report. Summary No.: Component ID: PRC-BG1-19 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures	(02)
4547540 VT-1 VT-S08-137 Accept N-686, N-460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report. Summary No.: Component ID: B6.50.0019 PRC-BG1-19 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures	
B6.50.0019 PRC-BG1-19 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures	
Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures	huo (52)
	140 (32)
4547540 VT-1 VT-S08-138 Accept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624	
Summary No.: Component ID: Class; System: Component Description B6.50,0002 PRC-BG1-2 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty	two (52)
Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures	(02)
4547540 VT-1 VT-S08-121 Accept N-686, N-460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report.	
Summary No.: Component ID: Class: System: Component Description B6.50.0020 PRC-BG1-20 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty	two (52)
Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures	(,
4547540 VT-1 VT-S08-139 Accept N-686, N-460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report.	
Summary No.: Component ID: Class: System: Component Description B6.50.0021 PRC-BG1-21 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty	two (52)
	(JZ)
Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547540 VT-1 VT-S08-140 Accept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report.	
460, N-624	
Summary No.: Component ID: Class: System: Component Description B6.50.0022 PRC-BG1-22 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty	two (52)
Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures	
4547540 VT-1 VT-S08-141 Accept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report.	

- 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

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

3, Plant Unit: 1			6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:		Class: System: Component Description
6.50.0023	PRC-BG1-23		1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
<u> Work Order Exam Method</u>	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-142	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
ummary No.:	Component ID:		Class: System: Component Description
6.50.0024	PRC-BG1-24		1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Nork Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-143	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
ummary No.;	Component ID: PRC-BG1-25		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
6.50.0025			
Nork Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-144	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 60, N-624
Summary No.:	Component ID:		Class: System: Component Description
36.50.0026	PRC-BG1-26		1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
<u> Work Order Exam Method</u>	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-145	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID: PRC-BG1-27		Class: System: Component Description
36,50.0027	PRC-BG1-27		1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-146	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.: 16,50.0003	Component ID: PRC-BG1-3		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
		_	
Work Order Exam Method	Report No.	Results	
4547540 VT-1	VT-S08-122	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.: 6.50.0004	Component ID: PRC-BG1-4		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-123	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624

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

Work Order Exam Method

4547519 VT-1

Report No.

VT-S08-119

Accept

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

3. Plant Unit: 1	,		6. National Certificate of Authorization (If Required): N/A
Summary No.: B6.50.0005	Component ID: PRC-BG1-5		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method 4547540 VT-1	Report No. VT-S08-124	<u>Results</u> Accept	Code Case N-686, N- 460, N-624 Comments / Corrective Measures Exam Sat. See AREVA RE24 Manual ISI Outage Report.
<u>Summary No.:</u> 36.50.0006	Component ID: PRC-BG1-6		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method 4547540 VT-1	<u>Report No.</u> VT-S08-125	Results Accept	Code Case Comments / Corrective Measures N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
<u>Summary No.:</u> 36.50.0007	Component ID: PRC-BG1-7		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method 4547540 VT-1	Report No. VT-S08-126	Results Accept	Code Case Comments / Corrective Measures N-686, N- 460, N-624 Comments / Corrective Measures Exam Sat. See AREVA RE24 Manual ISI Outage Report.
Summary No.: 36.50.0008	Component ID: PRC-BG1-8		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
	Report No.	Results	Code Case Comments / Corrective Measures
Work Order Exam Method 4547540 VT-1	VT-S08-127	Accept	N-686, N- 460, N-624 Exam Sat. See AREVA RE24 Manual ISI Outage Report.
Summary No.: B6.50.0009	Component ID: PRC-BG1-9		Class: System: Component Description 1 NB Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)
Work Order Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
4547540 VT-1	VT-S08-128	Accept	N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Category: B-G Item No.:	i-2 Equal: 4 B7.10 Equal	::::::::::::::::::::::::::::::::::::::	
	Component ID:		Class: System: Component Description
Summary No.:	Component ID:		

Results Code Case Comments / Corrective Measures

N-686 Exam Sat. See AREVA RE24 Manual ISI Outage Report.

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

4549499

VT-3

VE-S08-287

4. Commercial Service Date: 07/01/1974

In Service, once per interval, examination of one (1), Valve Group: F, valve body (safety

bolting, MSA-BG2-17, examined in conjunction with removal.

relief) internal surface when removed for maintenance. Main run pipe flange to valve flange

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

6. National Certificate of Authorization (If Required): N/A Item No.: B7.50 Equal: 3 Component ID: Class: System: Component Description Summary No.; MSA-BG2-17 B7.50.0001 1 MS Main Run Pipe Flange to Valve Flange Bolting Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 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. Summary No.: Component ID: Class: System: Component Description MSB-BG2-16 B7.50.0004 MS Main Run Pipe Flange to Valve Flange Bolting Results Code Case Comments / Corrective Measures Work Order Exam Method Report No. VT-1 4549506 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. Summary No.: Component ID: Class: System: Component Description MSB-BG2-21 B7.50.0005 1 MS Main Run Pipe Flange to Valve Flange Bolting Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4549504 VT-1 VE-S08-286 CC-686 Accept 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. В-К Category: Equal: 1 Item No.: B10.20 Equal: 1 Class: System: Component Description Summary No .: Component ID: B10.20.0063 RR-BK1-4A RR Lugs (4 total 1 x 1 1/2 x 3 inches) 1 Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547548 PT-S08-001 N-460, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Accept 624 Category: Equal: 3 Equal: 3 Item No.: B12.50 Summary No .: Component ID: Class: System: Component Description MS-RV-70A-BM2 B12.50.0012 MS Valve Body Internal Surfaces 1 Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

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

CC-686

Accept

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 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
- National Certificate of Authorization (If Required): N/A

Summary No.: B12.50.0018

Component ID: MS-RV-71D-BM2

1 MS

Class: System: Component Description Valve Body Internal Surfaces

Work Order Exam Method

Report No. VE-S08-289

4549504 VT-3

Results Code Case Comments / Corrective Measures CC-686

Accept

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: Equal: 2 Item No.: B13.10 Equal: 2

Summary No.:

Component ID:

Class: System: Component Description

B13,10,0003

VES-INTER@0>180

1 NB RPV Interior Surfaces (One Half RPV Accessible Areas)

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547371 VT-3

BWRVIP-S08043

NRI

N-648-1, N- Exam Sat. Reference Areva RE24 IVVI Final Report. Exam coverage 100% of accessible

460 N-624 areas

Summary No.:

Component ID:

Class: System: Component Description

B13.10.0002

VES-INTER-TPHD

RPV Top Head Interior Surface (include stream dryer hold bracket

attachment welds when necessary once per interval)

Work Order Exam Method VT-3

4547371

Report No. VT-S08-151 Results Accept

Code Case Comments / Corrective Measures N-686, N-

460

Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Exam coverage 100% of

accessible areas.

B-N-2 Category: Item No.:

Summary No .:

Equal: 12 B13.20 Equal: 2

Component ID: JP-RBPAD-ATTWLDS@210 Class: System: Component Description NB

Jet Pump 19 and 20 Primary Riser Brace Attachment Pad Welds and

Heat-Affected Zones to RPV at 210 degrees azimuth

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

VT-1 4547371

BWRVIP-S08099

N-686, N-

Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of accessible areas

460

1

Summary No.:

B13.20.0006

Component ID:

Class: System: Component Description

JP-RBPAD-ATTWLDS@30 B13 20 0001

NR

Jet Pump 9 and 10 Primary Riser Brace Attachments Pad Welds and Heat-Affected Zones to RPVat 30 degrees azimuth

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547371 VT-1 BWRVIP-S08100 NRI N-686, N-Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of 460 accessible areas.

Item No.:

B13.30

Equal: 6

Summary No.; B13.30.0013

Component ID:

GUIDERODBKT-ATTWLDS@0

Class: System:

Component Description Guide Rod Bracket Attachment at 0 degrees azimuth

Work Order Exam Method

Report No.

NB

4547371

VT-3

BWRVIP-S08005

NRI

Results Code Case Comments / Corrective Measures

460

N-686, N- Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

Work Order Exam Method

VT-3

4547372

Report No.

BWRVIP-S08033

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

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

J. I lant Ont.	<u> </u>					5. National Sertificate of Authorization (in Negatives). NA
Summary No.	<u>.</u>	Component ID:		Class:	System:	Component Description
B13.30.0014		GUIDERODBKT-A	TTWLDS@180	1	NB	Guide Rod Bracket Attachment at 180 degrees azimuth
Work Order	Exam Method	Report No.	Results Code Cas	se Comr	ments / Co	rrective Measures
4547371	VT-3	BWRVIP-S08006	NRI N-696, N 460		Sat. Refer	rence Areva RE24 IVVI Final Report. Total examination coverage 100% o s.
Summary No.		Component ID:		Class:	System:	Component Description
B13.30.0015		SHRD-SUPLT-GU	ISATTWLD@0>180	1	NB	Core Shroud Support Gusset or Stiffner Plates Attachment Welds 0 to 180 Degree
Work Order	Exam Method	Report No.	Results Code Cas	se Comr	ments / Co	rrective Measures
4547371	VT-3	BWRVIP-S08048	RI N-686, N 460		Sat. Refer	rence Areva RE24 IVVI Final Report. Total examination coverage 100% of s.
Summary No.	<u>.</u>	Component ID:		Class:	System:	Component Description
B13.30.0016	_	SHRD-SUPLT-GU	SATTWLD@180>360	1	NB	Core Shroud Support Gusset or Stiffner Plates Attachment Welds 180 to 360 Degrees
Work Order	Exam Method	Report No.	Results Code Cas	se Com	ments / Co	rrective Measures
4547371	VT-3	BWRVIP-S08094	NRI N-686, N 460		i Sat. Refei ssible areas	rence Areva RE24 IVVI Final Report. Total examination coverage 100% of s.
Summary No.	<u></u>	Component ID:		Class:	System:	Component Description
B13.30.0017		SHRD-SUPLTWLI	D-H9@0>180	1	NB	Core Shroud Support Assembley Integral weld to Reactor Vesses H9 Weld from 0 to 180 degrees azimuth
Work Order	Exam Method	Report No.	Results Code Cas	se Comi	ments / Co	rrective Measures
4547371	VT-3	BWRVIP-S08047	NRI N-686, N 460		Sat. Refer ssible areas	rence Areva RE24 IVVI Final Report. Total examination coverage 100% o s.
Summary No.	<u> </u>	Component ID:		Class:	System:	Component Description
B13.30.0018		SHRD-SUPLTWLI	D-H9@180>360	1	NB	Core Shroud Support Assembley Integral weld to Reactor Vesses H9 Weld fron 180 to 360 degrees azimuth
Work Order	Exam Method	Report No.	Results Code Cas	se <u>Com</u> r	ments / Co	rrective Measures
4547371	VT-3	BWRVIP-S08093	NRI N-686, N 460		Sat. Refer	rence Areva RE24 IVVI Final Report. Total examination coverage 100% o 5.
,	Item No.:	B13.40 Equa	l: 4			
Summary No.		Component ID:		Clace	System:	Component Description
B13.40.0001	_	CORE-PLATE		1	NB	Core Plate Assembly, Accessible surfaces including Rim Hold-Down Bo
				•		

Results Code Case Comments / Corrective Measures

accessible surfaces.

N-686, N-

460

NRI

(Total of 72, Critical Number 36)

Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of

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

VS.HD.FLGSEL.LEK.DETEC

Accept

CC-686

Report No.

VE-S08-283

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

B15.10.PRC.SLT02

4549436

Work Order Exam Method

VT-2

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

Pressure Retaining Component, Reactor Pressure Vessel, RPV Flange

Seal Leak Detection System, System Leakage Test

Per Relief Request: PR-04, VT-2 examination performed when Refuel Cavity is flooded. No

3. Plant Unit:							6. National Certificate of Authorization (If Required): N/A
Summary No.	á.	Component ID:	-14@400-	000		System:	Component Description
B13.40.0005		SHRD-UPCLYASI	=M@18U>	360	1	NB	Core Shroud Assembley Upper Cylinder, Accessible surfaces from top of Shroud (steam dam) to H7 Weld area 180 to 360 degrees azimuth
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comm	nents / Co	rrective Measures
4547371	VT-3	BWRVIP-S08110	RI	N-686, N- 460	2420(previo	b). No chai us data) in	successive reexamination of previously recorded indication per IWB- nge (by direct visual examination and side by side comparesion with previous indication was observed. Reference Areva RE24 IVVI Final ation coverage of indication area 100%.
Summary No.		Component ID:			Class;	System:	Component Description
B13.40.0006		TPGD-ASEM			1	NB	Top Guide Assembly consisting of grid beams, rim welds, rim pins, wedges
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547372	VT-3	BWRVIP-S08034	NRI	N-686, N- 460		Sat. Refer sible surfa	ence Areva RE24 IVVI Final Report. Total examination coverage 100% of ces.
Summary No.		Component ID:			Class:	System:	Component Description
B13.40.0007		TPGD-HRDWARE	Ī		1	NB	Top Guide Assembly Hardware and Rim Weld (Hold Down Latches and Horizontal Alignment Pins at 0, 90, 180, and 270 degree azimuth)
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547372	VT-3	BWRVIP-S08132	NRI	N-686, N- 460		Sat. Refer sible surfa	ence Areva RE24 IVVI Final Report. Total examination coverage 100% of ces.
C	ategory: B-	P Equal: 2]	
L	Item No.:	B15.10 Equa	l: 2				
Summary No.		Component ID:			Class:	System:	Component Description
B15.10.PRC.S	SLT01	PRC.CLS1			1	NB	All Pressure Retaining Components, System Leakage Test
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4542216	VT-2	VE-S08-280	Accept	CC-686	Enhar BWR\	nced Leaka VIP-27, and	Leakage Test performed during pre startup, including Class 2 CRD, ige Test (direct visual with no insulation) of the SLC nozzle (N-10) per d Enhanced Leakage Test (direct visual with no insulation) of CRD Housing in RPV bottom head inside RPV skirt.
Summary No.		Component ID:			Class;	System:	Component Description

NΒ

Visible Leakage was observed.

Results Code Case Comments / Corrective Measures

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

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

3. Plant Unit						,	6. National Certificate of Authorization (If Required): N/A
C	ategory: C-6	C Equal: 6			=======		
	Item No.:	C3.20 Equa	l: 6				
Summary No	<u>.:</u>	Component ID:			Class:	System:	Component Description
C3.20.0012		CSB-CC-32			2	cs	Plate to form stanchin for Support CSH-7 Intgregrally Welded to 12 inch CS-2 Pipe
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comm	ents / Co	rrective Measures
4593610	MT	MT-S08-002	Accept	N-460, N- 624	essent >90%. Succe uncha	ially uncha Additiona ssive reex nged and	essive reexamination per IWC-2420(b). Flaw or relevent condition anged. Reference AREVA Manual ISI Outage Report. Exam Coverage II examination per IWC-2430(a) with Recordable Indication RE-21. amination performed RE-23 per IWC-2420(b). Indication remained per IWC-2420© no further examination rquired. Component is not a nination and will not revert to an original examination schedule.
Summary No	<u>.:</u>	Component ID:				System:	
C3.20.0015		CSB-CC-57			2	cs	Elbow Lug
Work Order	Exam Method	Report No.	Results	Code Case	<u>Comm</u>	ents / Co	rrective Measures
4593609	MT	MT-\$08-006	Accept	N-460, N- 624			was examined in lieu of CSA-CC-6. Exam Sat. Reference AREVA Manua ort. Total examination coverage obtained greater than 90.0%.
Summary No	<u></u>	Component ID:			Class:	System:	Component Description
C3.20.0065		RAW-CE1-12			2	RHR	Elbow to Lug
Work Order	Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
4593606	MT	MT-S08-005	Accept	N-460, N- 624			rence AREVA Manual ISI Outage Report. Total examination coverage than 90.0%.
Summary No	<u>).:</u>	Component ID:				System:	
C3.20.0138		RHA-CE1-2			2	RHR	Snubber Shear Lugs
	Exam Method	Report No.	<u>Results</u>	Code Case			rrective Measures
4593611	MT	MT-S08-003	Accept	N-460, N- 624			rence AREVA Manual ISI Outage Report. Total examination coverage than 90.0%.
Summary No	<u></u>	Component ID:			Class:	System:	Component Description
C3.20.0115		RHC-CE1-3			2	RHR	Elbow to Lug
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	orrective Measures
4593605	MT	MT-S08-001	Accept	N-460, N- 624			rence AREVA Manual ISI Outage Report. Total examination coverage than 90.0%.
Summary No	<u>).:</u>	Component ID:				System:	
C3.200139		SDS-CE1-21			2	SDV	Hanger Shear Lugs
Work Order 4593607	Exam Method MT	Report No. MT-S08-004	Results Accept	Code Case N-460, N-	Exam	Sat. Refei	errective Measures rence AREVA Manual ISI Outage Report. Total examination coverage

624

obtained greater than 90.0%.

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 4. Commercial Service Date: 07/01/1974

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"

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

Brownville, NE 68321-009 3. Plant Unit: 1	98				6. National Certificate of Authorization (If Required): N/A
Category: C	-H Equal: 8				
Item No.:	C7.10 Equa	il: 8			
Summary No.:	Component ID:		<u>c</u>	lass: System:	Component Description
C7.10.PRC.CRD.SLT01	PRC.CLS2.CRD			2 CRD	Pressure Retaining Components, CRD System Leakage Test
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
.4542216 VT-2	VE-S08-281	Accept		Class 2 CRD Sy startup.	stem Leakagge Test performed during Class 1 System Leakage Test pre
Summary No.:	Component ID:		<u>C</u>	lass: System:	**
C7.10.PRC.CSA.SLT02	PRC.CLS2.CS-A			2 CS	Pressure Retaining Components, Core Spray Loop A System Leakage Test
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4535816 VT-2	VE-S08-264	Accept			Leakage Test performed for Inspection Period: 1 pre RE24. No "Code lied and no "Non-Code Leakage" identificed.
Summary No.;	Component ID:		<u>C</u>	Jass: System:	Component Description
C7.10.PRC.CSB.SLT03	PRC.CLS2.CS-B			2 CS	Pressure Retaining Components, Core Spray Loop B System Leakage Test
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4534575 VT-2	VE-S08-265	Accept			Leakage Test performed for Inspection Period: 1 pre RE24. No "Code ied and no "Non-Code Leakage" identificed.
Summary No.:	Component ID:		<u>c</u>	lass: System:	Component Description
C7.10.PRC.HPCI.SLT04	PRC.CLS2.HPCI			2 HPCI	Pressure Retaining Components, HPCI System Leakage Test
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4542114 VT-2	VE-S08-266	Accept		identified. "Non- Leakage Test pe	Leakage Test for Inspection Period 1, pre RE24. No "Code Leakage" Code Leakage" identified reference CR-CNS-2007-06503. Class 2 System erformed of the HPCI system section located in the Steam Tunnel, for d 1, during RE24 start up. No "Code Leakage" identified and no "Non-Code ied.
Summary No.: C7.10.PRC.HPCI.SLT04	Component ID: PRC.CLS2.HPCI		<u>C</u>	lass; System: 2 HPCI	Component Description Pressure Retaining Components, HPCI System Leakage Test
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4542364 VT-2	VE-S08-290	Accept	CC-686	Class 2 System identified. "Non- Leakage Test pe	Leakage Test for Inspection Period 1, pre RE24. No "Code Leakage" Code Leakage" identified reference CR-CNS-2007-06503. Class 2 System erformed of the HPCI system section located in the Steam Tunnel, for d 1, during RE24 start up. No "Code Leakage" identified and no "Non-Code
Summary No.:	Component ID:		<u>c</u>	lass: System;	Component Description
C7.10.PRC.RCIC.SLT05	PRC.CLS2.RCIC			2 RCIC	Pressure Retaining Components, RCIC System Leakage Test
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4542151 VT-2	VE-S08-291	Accept		Leakage" identifi	Leakage Test performed for Inspection Period: 1 pre RE24. No "Code led and No "Non-Code Leakage" identified. Class 2 System Leakage Test RCIC system section located in the Steam Tunnel for, for Inspection

identified.

7/22/2008 Page 22 of 82

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

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

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

· · · · · · · · · · · · · · · · · · ·		0	·		0	Company Description
Summary No.	_	Component ID:			ass: System:	***
C7.10.PRC.RC	IC.SL105	PRC.CLS2.RCIC			2 RCIC	Pressure Retaining Components, RCIC System Leakage Test
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case C	Comments / Co	rrective Measures
4542159	VT-2	VE-S08-269	Accept	L F F	eakage" identif	Leakage Test performed for Inspection Period: 1 pre RE24. No "Code ied and No "Non-Code Leakage" identified. Class 2 System Leakage Test RCIC system section located in the Steam Tunnel for, for Inspection RE24 start up. No "Code Leakage" identified and no "Non-Code Leakage"
Summary No.	_	Component ID:			ass: <u>System:</u>	
C7.10.PRC.RE	C.SLT06	PRC.CLS2.REC			2 REC	Pressure Retaining Components, Rec System Leakage Test
Work Order	Exam Method	Report No.	Results	Code Case C	Comments / Co	prective Measures
4541840	VT-2	VE-S08-270	Accept			Leakage Test performed for Inspection Period: 1 pre RE24. No "Code fied. "Non-Code Leakage" identificed reference CR-CNS-207-05934.
Summary No.	<u> </u>	Component ID:			ass: System:	Component Description
C7.10.PRC.RH	IRA.SLT07	PRC.CLS2.RHR-A			2 RHR	Pressure Retaining Components, RHR Loop A System Leakage Test
Work Order	Exam Method	Report No.	Results	Code Case C	Comments / Co	prective Measures
4542119	VT-2	VE-S08-276	Accept	CC-686	Class 2 System	Leakage Test for Inspection Period 1. Procedure Test Section: 8 (Shutdow
						e Retaining Components) performed during RE24. No "Code Leakage" Code Leakage" identified reference CR-CNS-2008-02488.
•					Fest Sections: 5 eport.	, 6, and 7 will be performed Post RE24 and will appear on RE25 NIS-1
Summary No.	<u> </u>	Component ID:		CI	ass: <u>Sy</u> stem:	Component Description
C7.10.PRC.RH	IRB.SLT08	PRC.CLS2.RHR-E	l		2 RHR	Pressure Retaining Components, RHR Loop B System Leakage Test
Work Order	Exam Method	Report No.	Results	Code Case C	Comments / Co	rrective Measures
4542118	VT-2	VE-\$08-277	Accept			Leakage Test performed for Inspection Period: 1 pre RE24. No "Code ied and no "Non-Code Leakage" identified.
	ategory: D-	A Equal: 11				
	::: <u>::::::::</u>	-				
	Item No.:	D1.10 Equa	: 6			
Summary No.	<u>.</u>	Component ID:		<u>CI</u>	ass: System:	Component Description
D1.10.0017		REC-HXB-A1			3 REC	Vessel Support (heat exchanger) Integrally Welded Attachment
Work Order	Exam Method	Report No.	Results	Code Case C	Comments / Co	prective Measures
4593278	VT-1	VT-S08-025	Accept			rence AREVA RE24 Manual ISI Outage Report.
Summary No. D1.10.0018	<u>.</u>	Component ID:		· ·	ass: System:	Component Description Vessel Support (heat exchanger) Integrally Welded Attachment
	F ** · · ·					
Work Order	Exam Method	<u>Report No.</u>	Results	Code Case C	Jomments / Co	<u>rrective Measures</u>
4593278	VT-1	VT-S08-026	Accept	N-686, N- E		AREVA RE24 Manual ISI Outage Report.

460, N-624

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

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

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

3. Plant Unit: 1		6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:	Class: System: Component Description
D1.10.0019	REC-TK-ST-A1	3 REC Vessel Support (storage tank) Integrally Welded Attachment
Work Order Exam Method	d Report No. Res	ults Code Case Comments / Corrective Measures
4593279 VT-1	VT-S08-015 Acc	ept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
<u>Summary No.:</u> D1.10.0020	Component ID: REC-TK-ST-A2	Class: System: Component Description 3 REC Vessel Support (storage tank) Integrally Welded Attachment
<u>Work Order</u> <u>Exam Method</u> 4593279 VT-1	<u>d Report No. Res</u> VT-S08-016 Acc	
Summary No.:	Component ID:	Class: System: Component Description
D1.10.0021	REC-TK-ST-A3	3 REC Vessel Support (storage tank) Integrally Welded Attachment
Work Order Exam Method		
4593279 VT-1	VT-S08-017 Acc	ept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Summary No.:	Component ID:	Class: System: Component Description
D1.10.0022	REC-TK-ST-A4	3 REC Vessel Support (storage tank) Integrally Welded Attachment
Work Order Exam Method		
4593279 VT-1	VT-S08-018 Acc	ept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
Item No.:	D1.20 Equal: 4	
<u>Summary No.:</u> D1.20.0020	Component ID: RCC-DB-51	Class: System: Component Description 3 REC Stanchion Integrally Welded Attachmnet
Work Order Exam Method	d Report No. Res	ults Code Case Comments / Corrective Measures
4593278 VT-1	VT-S08-033 Acc	ept N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
<u>Summary No.:</u> D1.20.0022	Component ID: RCC-DB-97	Class: System: Component Description 3 REC Lug
Work Order Exam Method	<u>Report No.</u> Res	ults Code Case Comments / Corrective Measures
4593278 VT-1	VT-S08-034 Acc	PPT N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624
<u>Summary No.:</u> D1.20.0094	Component ID: SW-DB-256	Class: System: Component Description 3 SW Stanchion Integrally Welded Attachment
Work Order Exam Method 4593260 VT-1	<u>Report No.</u> <u>Res</u> VT-S08-028 Acc	

460, N-624

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 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
- National Certificate of Authorization (If Required): N/A

Component ID: Summary No.: Class: System: Component Description SW-DB-57 Elbow to Lug Integrally Welded Atttachment D1.20.0056 3 SW Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4593673 VT-S08-013 N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report. 460, N-624

Equal: 1 Item No.: D1.30

Summary No.: Component ID: Class: System: Component Description

D1.30.0001 SW-PA-A1 SW Pump Support Integrally Welded Atttachment 3

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. 4593261 VT-1 VT-S08-030 Accept 460. N-624

Category: D-R Equal: 5 -----D2.10 Equal: 5 Item No.:

Summary No .: Component ID: Class: System: Component Description

D2.10.PRC.ECS.SLT01 PRC.CLS3.ECS.HPCI 3 Pressure Retaining Components, Emergency Condensate Storage System Leakage Test

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4542114 \/T-2 VF-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.

Summary No.: Component ID: Class: System: Component Description

Pressure Retaining Components, Nuclear Boiler Instrument System D2.10.PRC.NBI.SLT02 PRC.CLS3.NBI

Leakage Test

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

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.

Summary No.: Component ID: Class: System: Component Description

PRC.CLS3.REC D2.10.PRC.REC.SLT03 Pressure Retaining Components, Reactor Equipment Cooling System REC Leakage Test

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 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" identificed.

Summary No .: Component ID: Class: System: Component Description

D2.10.PRC.SWA.SLT04 PRC.CLS3.SW-A 3 Pressure Retaining Components, Service Water Loop A System Leakage Test

Report No.

Work Order Exam Method Results Code Case Comments / Corrective Measures 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.

- 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

Summary No .: Class: System: Component Description Component ID: D2.10.PRC.SWB.SLT05 PRC.CLS3.SW-B 3 SW Pressure Retaining Components, Service Water Loop B System Leakage Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4542131 VT-2 VF-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

Summary No.: Component ID: Class: System: Component Description

F1.10.C.0005 CSH-44 1 CS Constant Support with vertical Sway Strut

 Work Order
 Exam Method
 Report No.
 Results
 Code Case
 Comments / Corrective Measures

 4547546
 VT-3
 VT-S08-090
 Accept
 N-686, N-824
 Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. RE24

 Summary No.:
 Component ID:
 Class:
 System:
 Component Description

 F1.10.C.0053
 RHH-36
 1
 RHR
 Variable Spring

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547549 VT-3 VT-S08-148 Accept N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

4347345 V1-3 V1-306-146 Accept N-606, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

 Summary No.:
 Component ID:
 Class:
 System:
 Component Description

 F1.10.C.0065
 RHH-37
 1
 RR
 Variable Spring

 Work Order
 Exam Method
 Report No.
 Results
 Code Case
 Comments / Corrective Measures

 4547549
 VT-3
 VT-S08-149
 Accept
 N-686, N Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

624

 Summary No.;
 Component ID;
 Class:
 System;
 Component Description

 F1.10.C.0066
 RR-H1-A
 1
 RR
 Variable Spring Trapeze

 Work Order
 Exam Method
 Report No.
 Results
 Code Case
 Comments / Corrective Measures

 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

 Summary No.:
 Component ID:
 Class:
 System:
 Component Description

 F1.20.A.0160
 CRD-MN
 2
 SDV
 Rigid Brace

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4593608 VT-3 VT-S08-005 Accept N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. 624

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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

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

3. Plant Unit	t: 1			6. National Certificate of Authorization (If Require	:d): N/A
Summary No	<u></u>	Component ID:		Class: System: Component Description	
F1.20.A.0008		CSH-18A		2 CS Restraint Box Frame	
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures	
4593262	VT-3	VT-S08-022	Accept	N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. 624	
Summary No F1.20.A.0165		Component ID: PSRH-1		Class: System: Component Description 2 SDV Rod Hanger	
Work Order	Exam Method	Report No.	Results	Code Case Comments / Corrective Measures	
4593607	VT-3	VT-S08-020		N-686, N624 Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.	
<u>Summary No</u> F1.20.A.0078	_	Component ID: RCH-5		Class: System: Component Description 2 RCIC Stanchion	
Work Order	Exam Method	Report No.	Results	Code Case Comments / Corrective Measures	
4593274	VT-3	VT-S08-012	Accept	N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. 624	
Summary No.	_	Component ID:		Class: System: Component Description 2 RHR Restraint Structural Frame	
Mark Order	Exam Method	Donort No.	Populto	Code Case Comments / Corrective Measures	
4593606	VT-3	<u>Report No.</u> VT-S08-038	Results Accept	N-686, N-624 Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Examination is particular to the property of the sexpanded scope per IWF-2430 due to loose anchor bolts on RHH-61.	art of
Summary No		Component ID:		Class: System: Component Description	
F1.20.A.0088		RHH-3A		2 RHR Restraint Box Frame	
Work Order	Exam Method	Report No.	Results	Code Case Comments / Corrective Measures	
4593606	VT-3	VT-S08-039	Accept	N-686, N- 624 Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Examination is pre- expanded scope per IWF-2430 due to loose anchor bolts on RHH-61.	art of
<u>Summary No</u> F1.20.A.0113		Component ID: RHH-61		Class: System: Component Description 2 RHR Restraint Box Frame	
Work Order	Exam Method	Report No.	Results	Code Case Comments / Corrective Measures	
4593606	VT-3	VT-S08-042	Accept	N-686, N- 624 Post maintenance exam Sat. Reference AREVA RE24 Manual ISI Outage Report. examination reported an NRI due to loose anchor bolts. Scope was expanded per to RHH-2A, RHH-3A, RHS-57 and RHS-58. All examinations were completed SAT.	IWF-2430
4593606	VT-3	VT-S08-023	Reject		
<u>Summary No</u> F1.20.A.0095		Component ID: RHH-9A		Class: System: Component Description 2 RHR Sway Strut	
Work Order	Exam Method	Report No.	Results	Code Case Comments / Corrective Measures	
4593611	VT-3	VT-S08-008	Accept	N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.	

624

Work Order Exam Method

VT-3

4593606

Report No.

VT-S08-041

Accept

624

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, NF 68321-0098
- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A

						, , ,
	Item No.:	F1.20.B Equa	ıl: 1			
Summary No.	<u>:</u>	Component ID:			Class: System:	Component Description
1.20.B.0035		RHH-17A			2 RHR	Sway Struts, two (2)
Work Order	Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4593604	VT-3	VT-S08-001	Accept	N-686, N- 624	Exam Sat. Refe	rence AREVA RE24 Manual ISI Outage Report.
	Item No.:	F1.20.C Equa	ıl: 4	·····	<u>_</u>	
Summary No.	<u>:</u>	Component ID:			Class: System:	Component Description
1.20.C.0003		CSH-4			2 CS	Variable Spring
Work Order	Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4593609	VT-3	VT-S08-024	Accept	N-686, N- 624	Exam Sat. Refer	rence AREVA RE24 Manual ISI Outage Report.
Summary No.	<u>:</u>	Component ID:				Component Description
1.20.C.0057		RHH-13			2 RHR	Variable Spring
Work Order	Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4593604	VT-3	VT-\$08-002	Accept	N-686, N- 624	Exam Sat. Refe	rence AREVA RE24 Manual ISI Outage Report.
Summary No.	<u>. </u>	Component ID:		·····,	Class: System:	Component Description
1.20.C.0076		RHH-42			2 RHR	Variable Spring
Work Order	Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4593605	VT-3	VT-S08-003	Accept	N-686, N- 624	Exam Sat. Refe	rence AREVA RE24 Manual ISI Outage Report.
Summary No.	<u> </u>	Component ID:			Class; System:	
1.20.C.0090		RHH-59			2 RHR	Variable Spring
Work Order	Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4593606	VT-3	VT-S08-027	Accept	N-686, N- 624	Exam Sat. Refe	rence AREVA RE24 Manual ISI Outage Report.
	Item No.:	F1.20.D Equa	i: 2			
		Component ID:			Class: System:	Component Description

Results Code Case Comments / Corrective Measures

N-686, N- 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.

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

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

- 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

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

Summary No.; Component ID: Class: System: Component Description F1.20.D.0035 **RHS-58** Mechanical Snubber 2 RHR

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Examination is part of 4593606 VT-3 VT-S08-040 Accept

624 expanded scope per IWF-2430 due to loose anchor bolts on RHH-61.

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

Summary No.: Component ID:

Class: System: Component Description

F1.30.A.0060 **RCC-S-51** REC Stanchion 3

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4593278 VT-3 N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. VT-S08-035 Accept

6f24

Summary No.: Component ID: Class: System: Component Description

F1.30.A.0122 SW-H-150 SW Rod Hanger

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4593673 VT-3 VT-S08-010 N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Accept 624

Summary No.: Component ID: Class: System: Component Description SW-H-152 F1.30.A.0124 SW Rod Hanger 3

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4593673 VT-3 VT-S08-009 N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Accept 624

Summary No .: Component ID: Class: System: Component Description

F1.30.A.0087 SW-H-57 Rod Hanger SW

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4593673 VT-3 VT-S08-019

N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. 624

Summary No.: Component ID: Class: System: Component Description SW-S-25B&R F1.30.A.0173 sw Restraint Box Frame 3

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4593673 VT-3 VT-S08-011 N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Accept 624

Summary No.: Component ID: Class: System: Component Description

F1.30.A.0174 SW-S-26B&R Restraint Box Frame 3

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4593673 VT-3 VT-S08-006 Accept N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

624

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 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
- National Certificate of Authorization (If Required): N/A

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

Summary No.: F1.30.B.0027

Component ID:

Class: System: Component Description

3 REC Restraint Box Frame

Work Order Exam Method 4593278

Report No. VT-S08-036

RCC-S-97

Results Code Case Comments / Corrective Measures Accept

N-686, N- Exam Sat. See AREVA RE24 Manual ISI Outage Report.

Summary No.: F1.30 B 0051

Component ID:

Report No.

Class: System: Component Description

SW-H-256

SW Stanchion

Results Code Case Comments / Corrective Measures

Work Order Exam Method 4593260 VT-3

VT-S08-029

Accept

N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

624

Item No.:

Equal: 1 F1.30.C

Summary No.: F1.30.C.0024

Component ID: RCC-H-24

3

Class: System: Component Description

Variable Spring

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4593278 V/T-3 VT-S08-037

Accept

N-686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

624

F1.40.A Equal: 1

Summary No.: F1.40.A.0009

Component ID:

Class: System: Component Description

REC

REC-TK-ST-S1

3 REC Vessel Support (surge tank)

Work Order Exam Method

4593279 VT-3

Report No. VT-S08-014

N-686. N-Accept

624

Results Code Case Comments / Corrective Measures

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.:

Equal: 4

Summary No .: F1.40.B.0005

Component ID: RCIC-MP-S1

Class: System: Component Description

Main Pump Support

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4593274

VT-S08-004

Accept

624

624

N0686, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

Summary No .:

F1.40.B.0014

Component ID: SW-BPA-S1

3

Class: System: Component Description

Work Order Exam Method

Report No.

Results

SW Booster Pump Support

4592281

Code Case Comments / Corrective Measures

VT-3 VT-S08-021 Accept

N-686, N- 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.

- 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

4547544 Remote Auto UT

VE-S08-238

Accept

695, N-460

- 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

Summary No	<u></u>	Component ID:			Class:	System:	Component Description
F1.40.B.0018		SW-PA-S1			3	sw	Main Pump Support
Work Order	Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4593261	VT-3	VT-S08-031	Accept	N-686, N- 624	perfori		AREVA RE24 Manual ISI Outage Report. Pre-Service examination SW pump, SW-P-A, reinstalled. Reference CNS Film File Work Oder: n data.
Summary No	<u></u>	Component ID:					Component Description
F1.40.B.0020		SW-PC-S1			3	sw	Main Pump Support
Work Order	Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4458761	VT-3	VE-S08-273	Accept	CC-686, CC- 624	Refere		nation performed before SW pump, SW-P-C, was remove for maintenance Film File for Work Order: 4458761, procedure 7.2.57.1 Att. 1 for a.
C	ategory: R-/	A Equal: 12					
L	Item No.:	R1.14-2 Equa	ıl: 4				
Summary No	 <u>:</u> :	Component ID:			Class:	System:	Component Description
B5.10.0001.R	_ 	CSA-BF-1x			1	cs	Safe-End to RPV Nozzle
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547547 F	Remote Auto UT	· VE-S08-234	Accept	N-639, N- 695, N-460	obtain	ed 75.0%.	ence AREVA Manual ISI Outage Report. Total examination coverage Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code 75. Relief Request Required.
Summary No	•	Component ID:			Class	System	Component Description
B5.10.0012.R		RRE-BF-1			1	RR	Safe-End to RPV Nozzle
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
	Remote Auto UT	VE-S08-240	Accept	N-639, N- 695, N-460	Exam obtain	Sat. Refered 75.0%.	Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code 75. Reflect Required.
<u>Summary No</u> B5.10.0015.R		Component ID:			Class:	System:	Component Description Safe-End to RPV Nozzle
Work Order	Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures

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

N-639, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage

Credit BWRVIP-75. Relief Request Required.

obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 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.: R1.20-4 Equal: 8

Summary No.: B9.11.0005.RI

Component ID: CSA-BJ-2x

Report No.

UT-S08-002

Class: System: Component Description

CS 1

Pipe90 to Safe-End

Work Order Exam Method 4547547

Manual UT

Results Accept

Code Case Comments / Corrective Measures

N-639, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage

695, N-460 obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

Summary No.; B5.130.0002.RI Component ID:

Class: System: Component Description

Pipe to Pipe 90 1

CSB-BF-4A

Work Order Exam Method Report No.

4547546 Manual UT VE-S08-140 Results Code Case Comments / Corrective Measures

N-639, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Total examination coverage

695, N-460 obtained 100.0%. Owner Elected Code Credit BWRVIP-75.

Summary No.: B9.11.0031.RI

Component ID: MSA-BJ-111

Class: System:

Component Description

Work Order Exam Method

Report No.

MS Nozzle to Safe-End

4547545 Manual UT

UT-S08-001 (Page UT-S08-001 (Page

Accept Accept Accept

Results

Code Case Comments / Corrective Measures N-639, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage

695, N-460 obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

UT-S08-001 (Page 3)

Summary No.: B5.130.0004.RI Component ID: RAS-BF-12

Class: System: Component Description

Elbow to Pipe 1 RR

Work Order Exam Method

Report No.

Results

Code Case Comments / Corrective Measures

4547549 Manual UT VE-S08-196 Accept

N-639. N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Total examination coverage

695, N-460 obtained 90.75% Owner Elected Code Credit BWRVIP-75.

Summary No.:

Component ID:

Class: System: Component Description

RHR Elbow to Pipe

B9.11.0253.RI

RHA-BJ-7

1

Work Order Exam Method

Report No. UT-S08-003 (Page

Code Case Comments / Corrective Measures

4547549 Manual UT UT-S08-003 (Page Accept Accept

N-639, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage

695, N-460 obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

Component ID: RRE-BJ-2

2)

Summary No.: B9.11.0341.RI

RR

Class: System: Component Description BentPipe 90 to Safe-End

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547541 Manual UT UT-S08-004 Accept

N-639, N- Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage 695, N-460 obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

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

Work Order Exam Method

EVT-1

4547371

Report No.

BWRVIP-S08042

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

3. Plant Unit:	1						6. National Certificate of Authorization (If Required): N/A
Summary No.	:	Component ID:			Class:	System:	Component Description
39.11.0351.RI		RRH-BJ-2			1	RR	BentPipe 90 to Safe-End
Work Order	Exam Method	Report No.	Results	Code Case	Comn	ents / Co	rrective Measures
4547544	Manual UT	UT-S08-005	Accept	N-639, N- 460			ence AREVA Manual ISI Outage Report. Total examination coverage than 90.0%. Owner Elected Code Credit BWRVIP-75.
Summary No.: B9.11.0355.RI	<u> </u>	Component ID:			Class:	System:	Component Description BentPipe 90 to Safe-End
	 • • • • • • • • • • • • • • • • • •			0-1-0			
<u>Work Order</u> <u>I</u> 4547544	<u>Manual UT</u>		Results Accept Accept	Code Case N-639, N- 695, N-460	Exam	Sat. Refer	<u>rrective Measures</u> ence AREVA Manual ISI Outage Report. Total examination coverage than 90.0%. Owner Elected Code Credit BWRVIP-75.
Exam C	redit: VIP	Equal: 306					
Ca		N-2 Equal: 9					
	Item No.:	B13.20 Equal:	-				
<u>Summary No.</u> B13.20.0005	<u>:</u>	Component ID: JP-RBPAD-ATTWL	DS@150		Class:	System: NB	Component Description Jet Pump 1 and 2 Primary Riser Brace Attachment Pad Welds and Heat
B13.20.0003		01 1101 110 1111112	206,100		•	NO	Affected Zones to RPV at 150 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547371	EVT-1	BWRVIP-S08037	NRI	N-686, N- 460		Sat. Refer sible areas	ence Areva RE24 IVVI Final Report. Total examination coverage 75% of s.
Summary No.		Component ID;			Class:	System:	Component Description
B13.20.0006		JP-RBPAD-ATTWL	DS@210		1	NB	Jet Pump 19 and 20 Primary Riser Brace Attachment Pad Welds and Heat-Affected Zones to RPV at 210 degrees azimuth
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comn	nents / Co	rrective Measures
4547371	EVT-1	BWRVIP-S08092	NRI	N-686, N- 460		Sat. Refer sible areas	ence Areva RE24 IVVI Final Report. Total examination coverage 90% of s.
Summary No.	<u></u>	Component ID:			Class:	System:	Component Description
B13.20.0008	_	JP-RBPAD-ATTWL	DS@270		1	NB	Jet Pump 15 and 16 Primary Riser Brace Attachments Pad Welds and Heat-Affected Zones to RPV at 270 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547371	EVT-1	BWRVIP-S08090	NRI	N-686, N- 460		Sat. Refer sible areas	ence Areva RE24 IVVI Final Report. Total examination coverage 90% of s.
Summary No.	<u>.</u>	Component ID:			Class:	System:	Component Description
B13.20.0001		JP-RBPAD-ATTWL	DS@30		1	NB	Jet Pump 9 and 10 Primary Riser Brace Attachments Pad Welds and Heat-Affected Zones to RPVat 30 degrees azimuth

Results Code Case Comments / Corrective Measures

accessible areas.

460

N-686, N- Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of

7/22/2008 Page 33 of 82

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

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

4547547 Remote Auto.UT

VE-S08-235

N-639, N-

Accept

4. Commercial Service Date: 07/01/1974

Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage

695, N-460 obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code

Credit BWRVIP-75. Relief Request Required.

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

3. Plant Unit	: 1						6. National Certificate of Authorization (If Required): N/A
Summary No	<u>.:</u>	Component ID:			Class:	System:	Component Description
B13.20.0010		JP-RBPAD-ATTW	LDS@330		1	NB	Jet Pump 11 and 12 Primary Riser Brace Attachment Pad Welds and Heat-Affected Zones to RPV at 330 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547371	EVT-1	BWRVIP-S08108	NRI	N-686, N- 460		Sat. Refer sible areas	rence Areva RE24 IVVI Final Report. Total examination coverage 90% of s.
	Item No.:	B13.30 Equal					
Summary No	<u></u>	Component ID:		-	Class:	System:	Component Description
B13.30.0013		GUIDERODBKT-A	TTWLDS	3 0	1	NB	Guide Rod Bracket Attachment at 0 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547371	VT-3	BWRVIP-S08101	NRI	N-686, N- 460		Sat. Refer sible areas	rence Areva RE24 IVVI Final Report. Total examination coverage 100% o s.
Summary No	<u></u>	Component ID:			Class:	System:	Component Description
B13.30.0014		GUIDERODBKT-A	TTWLDS	3 180	1	NB	Guide Rod Bracket Attachment at 180 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547371	VT-3	BWRVIP-S08102	NRI	N-696, N- 460		Sat. Refer sible areas	rence Areva RE24 IVVI Final Report, Total examination coverage 100% of s.
Summary No	<u></u>	Component ID:			Class:	System:	Component Description
B13,30.0024		STMDRY-SUPBKT	r-ATTWLD	S@215	1	NB	Steam Dryer Support Bracket Attachment Weld to RPV Interior Wall at 215 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547371	EVT-1	BWRVIP-S08036	NRI	N-686, N- 460		Sat. Refer sible surfa	rence Areva RE24 IVVI Final Report. Total examination coverage 100% of ces.
Summary No	<u></u>	Component ID;			Class:	System:	Component Description
B13.30.0025		STMDRY-SUPBKT	r-ATTWLD	S@325	1	NB	Steam Dryer Support Bracket Attachment Weld to RPV Interior Wall at 325 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547371	EVT-1	BWRVIP-S08111	NRI	N-686, N- 460		Sat. Refer sible surfa	rence Areva RE24 IVVI Final Report. Total examination coverage 100% of ces.
c	ategory: R-A				******		
		R1.14-2 Equal	: 4				
Summary No		Component ID:			Class	System:	Component Description
B5.10.0001.R	_	CSA-BF-1x			1	CS CS	Safe-End to RPV Nozzle
			D	0-4-6	•		
WOLK OLDER	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures

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

4547549

Manual UT

VE-S08-197

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

Summary No.:	Component ID;		Class: System: Component Description
35.10.0012.RI	RRE-BF-1		1 RR Safe-End to RPV Nozzle
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.: 85.10.0015.RI	Component ID: RRH-BF-1		Class: System: Component Description 1 RR Safe-End to RPV Nozzle
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.:	Component ID:		Class: System: Component Description
B5.10.0017.RI	RRK-BF-1		1 RR Safe-End to RPV Nozzle
Work Order Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
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 Equa	d: 7	
Summary No.:	Component ID:		Class: System: Component Description
B9.11.0005.RI	CSA-BJ-2x		1 CS Pipe90 to Safe-End
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547547 Manual UT	VE-S08-259	Accept	N-639, N- 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> B5.130.0002.RI	Component ID; CSB-BF-4A	• • • • • • • • • • • • • • • • • • • •	Class: System: Component Description 1 CS Pipe to Pipe 90
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547546 Manual UT	VE-S08-195	Accept	N-639, N-Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Total examination coverage obtained 100.0%. Owner Elected Code Credit BWRVIP-75.
Summary No.:	Component ID:		Class: System: Component Description
B5.130.0004.RI	RAS-BF-12		1 RR Elbow to Pipe
Work Order Exam Method	Report No.		Code Case Comments / Corrective Measures
ACATEAN Manual LIT	VE COO 407		NI COO NI DECEMBER OF DESCRIPTION OF A PROPERTY OF A PROPE

Accept N-639, N- Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Total examination coverage obtained 90.75% Owner Elected Code Credit BWRVIP-75.

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

JP20-NOZ-MIXINLET

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 Pequired): N/A

3. Plant Unit: 1			6. National Certificate of Authorization (If Required): National Certificate of Autho
Summary No.:	Component ID:		Class: System: Component Description
39.11.0341.RI	RRE-BJ-2		1 RR BentPipe 90 to Safe-End
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.:	Component ID:		Class: System: Component Description
B9.11.0351.RI	RRH-BJ-2		1 RR BentPipe 90 to Safe-End
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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.
Summary No.:	Component ID:		Class: System; Component Description
B9.11.0355.RI	RRK-BJ-2		1 RR BentPipe 90 to Safe-End
Work Order Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
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.
Summary No.:	Component ID:		Class: System: Component Description
B5.20.0005.RI	SLC-BJ-1		1 SLC Safe-End to RPV Partial Penetration Nozzle
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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 Foust: 2		

Category:	VI12.14 Equal: 2	<u></u> j .	
Item No.:	SIL465 Equal: 2		
Summary No.:	Component ID:	Class: System: Component Description	
S465.MXIN.JP19	JP19-NOZ-MIXINLET	N/ NB Jet Pump 19 Inlet Nozzle and Mixer Region (Crud Buildup	(د

Results Code Case Comments / Corrective Measures Work Order Exam Method Report No. 4547371 VT-3 BWRVIP-S08117 Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Summary No.: Component ID: Class: System: Component Description

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

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

4. Commercial Service Date: 07/01/1974

- S. Owner Certificate of Authorization (If Required): N/A
 National Certificate of Authorization (If Required): N/A
- 3. Plant Unit: 1

 Category: VI12.16 Equal: 2

 Item No.: SIL574 Equal: 2

Summary No.:	Component ID:	Class:	System:	Component Description
\$574.ADSTWGP.JP10	JP10-ADSCR-TWLD-GAP	N/ A	NB	Jet Pump Restrainer Bracket Adjusting Screw Tack Welds, Gaps, and Supplemental Wedges

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

Summary No	<u>.:</u>	Component ID:			Class:	System:	Component Description
S574.ADSTW	GP.JP9	JP9-ADSCR-TWL	D-GAP		N/ A	NB	Jet Pump Restrainer Bracket Adjusting Screw Tack Welds, Gaps, and Supplemental Wedges
Work Order	Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
4547371	VT-1	BWRVIP-S08050	NRI	N/A	Exam 9	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 100%.

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

Equal: 2

Component ID:

V18.P2

BWRVIP-S08071

NRI

N/A

Summary No.:

Item No.:

EVT-1

4547373

	Component ID:			<u>Class:</u>	<u>System:</u>	Component Description
V18.P1.TBJ.90	CS-A-TJB@90-(F	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
Work Order Exam Met	hod Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
4547373 EVT-1	BWRVIP-S08013	RI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 30%.

V18.P1.TBJ.27	0	CS-B-TJB@270-(I	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
Work Order	xam Method	Report No.	Results	Code Case	Comme	nts / Co	prective Measures
4547373	EVT-1	BWRVIP-S08070	NRI	N/A	Exam Sa	at. See	Areva RE24 IVVI Final Report. Exam coverage 40%.

Class: System: Component Description

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u> V18.P2.A11.90		Component ID; CS-A11@90-(P2)			Class: N/ A	System: CS	Component Description Core Spray Piping Tee Junction Box at 90 degrees azimuth, Cover Plate to Junction Box Weld
<u>Work Order</u> <u>E</u> 4547373	xam Method EVT-1	Report No. BWRVIP-S08106	Results NRI	Code Case N/A			<u>rrective Measures</u> Areva RE24 IVVI Final Report. Exam coverage 100%.

Summary No.:	Component ID:	·		Class:	System:	Component Description
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
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures

- 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

3. Plant Unit:	1						National Certificate of Authorization (If Required): N/A
	Item No.:	V18.P3 Equa	l: 4				
		Composed ID:			01	0	Community December
Summary No.	-	Component ID:				System:	Component Description
/18.P3.A10.90	1	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"
Nork Order	xam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08105	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 60%.
Summary No.	 i	Component ID:			Class:	System:	Component Description
/18.P3.A12.90)	CS-A12@90-(P3)			N/ A	CS	Core Spray Piping Tee Junction Box at 90 degrese azimuth, Horizontal Pipe to Junction Box Weld, to Downcomer "A"
Nork Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-\$08021	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 50%.
Summary No.		Component ID:			Class:	System:	Component Description
/18.P3.B10.27	70	CS-B10@270-(P3	3)		N/ A	cs	Core Spray Piping Tee Junction Box at 270 degrees azimuth, Horizontal Pipe to Junction Box Weld, from Downcomer "B"
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08072	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 50%.
Summary No.		Component ID:			Class:	System:	Component Description
/18.P3.B12.27	ro	CS-B12@270-(P3	3)		N/ A	CS	Core Spray Piping Tee Junction Box at 270 degrees azimuth, Horizontal Pipe to Junction Box Weld, to Downcomer "D"
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08073	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 50%.
	Item No.:	V18.P4 Equa	ıl: 4	•			
Summary No.		Component ID:	•		Class:	System:	Component Description
/18.P4d.A3.17	0	CS-A3@170-(P4d	1)		N/ A	CS .	Core Spray Piping, Elbow to Shroud Pipe, off Downcomer "C" at 170 degrees azimuth
Nork Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08026	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 90%.
Summary No.		Component ID:			Class:	System:	Component Description
/18.P4c.A4.17	0	CS-A4@170-(P4d	:)		N/ A	cs	Core Spray Piping, Lower Downcomer "C" to Elbow at 170 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-\$08025	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 55%.
ummary No.	_	Component ID:				System:	
/18.P4b.A8.17	U	CS-A8@170-(P4t	")		N/ A	cs	Core Spray Piping, Elbow to Pipe Downcomer "C" at 170 degrees azimu
Nork Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08008	NRI	N/A			Areva RE24 IVVI Final Report. Exam coverage 50%.

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

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

Brownville, NE 68321-009 3. Plant Unit: 1	3	6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:	Class: System: Component Description
V18.P4a.A9.170	CS-A9@170-(P4a)	N/ CS Core Spray Piping, Horizontal Pipe to Elbow, off Downcomer "C" at 170 degrees azimuth
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
4547373 EVT-1	BWRVIP-S08007 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.
Item No.:	V18.P5	
Summany No :	Component ID;	Class: System: Component Description
<u>Summary No.:</u> V18.P5.A15.10	CS-A15@10-(P5)	N/ CS Core Spray Piping, Sliding Sleeve to Upper Downcomer "A" at 10 degree: A azimuth
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
4547373 EVT-1	BWRVIP-S08001 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.:	Component ID:	Class: System: Component Description
V18.P5.A7.170	CS-A7@170-(P5)	N/ CS Core Spray Piping, Sliding Sleeve to Upper Downcomer "C" at 170 degrees azimuth
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
4547373 EVT-1	BWRVIP-S08009 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.:	Component ID:	Class: System: Component Description
V18.P5.B15.190	CS-B15@190-(P5)	N/ CS Core Spray Piping, Sliding Sleeve to Upper Downcomer "D" at 190 A degrees azimuth
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
4547373 EVT-1	BWRVIP-S08011 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.;	Component ID:	Class: System: Component Description
V18.P5.B7.350	CS-B7@350-(P5)	N/ CS Core Spray Piping, Sliding Sleeve to Upper Downcomer "B" at 350 degrees azimuth
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
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	
Summary No.:	Component ID:	Class: System: Component Description
V18.P6.A16.10	CS-A16@10-(P6)	N/ CS Core Spray Piping, Sliding Sleeve Weld to Outer Sleeve, off Downcomer A "A" at 10 degrees azimuth
Work Order Exam Method	Report No. Results	
4547373 EVT-1	BWRVIP-S08002 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.:	Component ID:	Class: System: Component Description
V18.P6.A6.170	CS-A6@170-(P6)	N/ CS Core Spray Piping, Sliding Sleeve Weld to Outer Sleeve, off Downcomer A "C" at 170 degrees azimuth
Work Order Exam Method		Code Case Comments / Corrective Measures
4547373 EVT-1	BWRVIP-S08010 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

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

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

Brownville, N 3. Plant Unit:		3					6. National Certificate of Authorization (If Required): N/A
Summary No.:		Component ID:			Class:	System:	Component Description
V18.P6.B16.19		CS-B16@190-(P6)		N/ A	cs	Core Spray Piping, Sliding Sleeve Weld to Outer Sleeve, off Downcomer "D" at 190 degrees azimuth
Work Order E	xam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measur <u>es</u>
4547373	EVT-1	BWRVIP-S08012	NRI	N/A			Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.:		Component ID:			Class:	System:	Component Description
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
Work Order	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-\$08003	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 55%.
[Item No.:	V18.P7 Equa	l: 4				
Summary No.:		Component ID:			Class:	System:	Component Description
V18.P7.A17.10		CS-A17@10-(P7)			N/ A	cs	Core Spray Piping, Outer Sleeve to Lower Downcomer "A" at 10 degrees azimuth
Work Order	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08029	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.:		Component ID:			Class:	System:	Component Description
V18.P7.A5.170		CS-A5@170-(P7)			N/ A	cs	Core Spray Piping, Outer Sleeve to Lower Downcomer "C" at 170 degrees azimuth
Work Order	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-\$08024	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.	:	Component ID:			Class:	System:	
V18.P7.B17.19	0	CS-B17@190-(P7)		N/ A	cs	Core Spray Piping, Outer Sleeve to Lower Downcomer "D" at 190 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	<u>Comr</u>	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08027	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.:		Component ID:			Class:	System:	Component Description
V18.P7.B5.350		CS-B5@350-(P7)			N/ A	cs	Core Spray Piping, Outer Sleeve to Lower Downcomer "B" at 350 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	<u>Comr</u>	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-\$08028	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 55%.
	Item No.:	V18.S1 Equa	l: 2				
Summary No.:		Component ID:			Class:	System:	Component Description
V18.S1.CUTB.	-	S1-CU-TB@170			N/ A	CS CS	Core Spray Sparger "C" Upper Tee Box at 170 degrees azimuth, Cover Plate to Sparger Tee Box Weld
Work Order	xam Method	Report No.	Results	Code Case	<u>Comr</u>	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08015	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 100%.

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

Work Order Exam Method

VT-1

4547373

Report No.

BWRVIP-S08082

RI

4. Commercial Service Date: 07/01/1974

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

3. Plant Unit: 1	1098		6. National Certificate of Authorization (If Required): N/A
<u>Summary No.:</u> V18.S1.DLTB.190	Component ID: S1-DL-TB@190	<u>Class:</u> <u>System</u> N/ CS A	Component Description Core Spray Sparger "D" Lower Tee Box at 190 degrees azimuth, Cover Plate to Sparger Tee Box Weld
Work Order Exam Meth	od <u>Report No.</u> <u>Results</u>	Code Case Comments / C	orrective Measures
4547373 EVT-1	BWRVIP-S08018 NRI	N/A Exam Sat. See	e Areva RE24 IVVI Final Report. Exam coverage 100%.
item No.:	V18.S2 Equal: 4		
Summary No.:	Component ID;	Class: System	: Component Description
V18.S2.CUTB.168	S2@168-CU-TB@170	N/ CS A	Core Spray Sparger "C" Upper Tee Box at 170 degrees azimuth, Sparge Pipe to Tee Box Weld at 168 degrees azimuth
Work Order Exam Meth	od Report No. Results	Code Case Comments / C	orrective Measures
4547373 EVT-1	BWRVIP-S08016 NRI	N/A Exam Sat. See	e Areva RE24 IVVI Final Report. Exam coverage 30%.
Summary No.:	Component ID:	Class: System	<u>Component Description</u>
V18.S2.CUTB.172	S2@172-CU-TB@170	N/ CS A	Core Spray Sparger "C" Upper Tee Box at 170 degrees azimuth, Sparger Pipe to Tee Box Weld at 172 degrees azimuth
Work Order Exam Meth			
4547373 EVT-1	BWRVIP-S08014 NRI	N/A Exam Sat. See	e Areva RE24 IVVI Final Report. Exam coverage 30%.
Summary No.:	Component ID:	Class: System	: Component Description
V18.S2.DLTB.188	S2@188-DL-TB@190	N/ CS A	Core Spray Sparger "D" Lower Tee Box at 190 degrees azimuth, Sparger Pipe to Tee Box Weld at 188 degrees azimuth
Work Order Exam Meth	od Report No. Results	Code Case Comments / C	orrective Measures
4547373 EVT-1	BWRVIP-S08019 NRI	N/A Exam Sat. See	e Areva RE24 IVVI Final Report. Exam coverage 30%.
Summary No.:	Component ID:	Class: System	: Component Description
V18.S2.DLTB.192	S2@192-DL-TB@190	N/ CS A	Core Spray Sparger "D" Lower Tee Box at 190 degrees azimuth, Sparger Pipe to Tee Box Weld at 192 degrees azimuth
Work Order Exam Meth	od Report No. Results	Code Case Comments / C	orrective Measures
4547373 EVT-1	BWRVIP-S08017 NRI	N/A Exam Sat. See	e Areva RE24 IVVI Final Report. Exam coverage 25%.
ltem No.:	V18.S3a Equal: 1		
Summary No.:	Component ID:	Class: System:	: Component Description
V18.S3a.CUNSW	S3a-CU-NSPW@92>269	N/ CS A	Core Spray Sparger "C" Upper, Nozzle to Sparger Pipe Welds, all spray nozzles from 92 to 269 degrees azimuth

Results Code Case Comments / Corrective Measures

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

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

3. Plant Unit	1 1				*******		6. National Certificate of Authorization (If Required): N/A
	Item No.:	V18.S3b Equa	l: 1				
Summary No.	<u>:</u>	Component ID:			Class:	System:	Component Description
V18.S3b.CUN	ow	S3b-CU-NOW@9	2>269		N/ A	cs	Core Spray Sparger "C" Upper, Nozzle to Orifice Welds, all spray nozzles from 92 to 269 degrees azimuth
Work Order	Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
4547373	VT-1	BWRVIP-S08083	RI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 100%.
	Item No.:	V18.S3c Equa	l: 1				
Summary No		Component ID:			Class:	System:	Component Description
V18.S3c.DLD.		S3c-DL-DRSPW@	999		N/ A	cs	Core Spray Sparger "D" Lower, Drain to Sparger Pipe Weld at 99 degrees azimuth, Includes Tack Weld on Drain Plug
Work Order	Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
4547373	VT-1	BWRVIP-S08030	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 40%.
**************************************	Item No.:	V18.S4 Equa	l: 4				•
Cumman, No.		Component ID:			Class	Sustami	Component December
Summary No V18.S4.CUEC		Component ID: S4-CU-ECSPW@	269		N/ A	System: CS	Component Description Core Spray Sparger "C" Upper, End Cap to Sparger Pipe Weld at 269 degrees azimuth Assumed to be creviced internally
Work Order	Exam Method	Report No.	Results	Code Case	Comm	ients / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08061	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 50%.
Summary No		Component ID:			Class:	System:	Component Description
V18.S4.CUEC	C.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
Work Order	Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08032	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 50%.
Summary No	<u>.</u>	Component ID:			Class:	System:	Component Description
V18.S4.DLEC	.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
Work Order	Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08062	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 50%.
Summary No	<u>.</u>	Component ID:	*		Class:	System:	Component Description
V18.S4.DLEC	.91	S4-DL-ECSPW@9	91		N/ A	cs	Core Spray Sparger "D" Lower, End Cap to Sparger Pipe Weld at 91 degrees azimuth Assumed to be creviced internallyN/A
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comm	ents / Co	rrective Measures
4547373	EVT-1	BWRVIP-S08031	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 40%.

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

3. Plant Unit:	.' Item No.:	V18.SB Equa	l: 7				National Certificate of Authorization (If Required): N/A
Summary No.	_	Component ID: SB-BL-DL-SPR@9				System:	Component Description
/18.SB.BLDL.	90	36-6L-0L-3FR@	30		N/ A	cs	Core Spray Sparger Bracket at 90 degrees azimuth between CS Sparge "B" Lower and CS Sparger "D" Lower
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rective Measures
4547373	VT-1	BWRVIP-S08064	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 25%.
Summary No.		Component ID;			Class:		Component Description
/18.SB.CUDL	.119	SB-CU-DL-SPR@	1119		N/ A	cs	Core Spray Sparger Bracket at 119 degrees azimuth betwee CS Sparge "C" Upper and CS Sparger "D" Lower .
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	VT-1	BWRVIP-S08065	NRI	N/A .	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 75%.
Summary No.	<u> </u>	Component ID:			Class:	System:	Component Description
V18.SB.CUDL	.149	SB-CU-DL-SPR@	149.5		N/ A	cs	Core Spray Sparger Bracket at 149.5 degrees azimuth betwee CS Sparger "C" Upper and CS Sparger "D" Lower
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547373	VT-1	BWRVIP-S08067	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 75%.
Summary No.	<u> </u>	Component ID:			Class:	System:	Component Description
V18.SB.CUDL	.210	SB-CU-DL-SPR@	210.5		N/ A	cs	Core Spray Sparger Bracket at 210.5 degrees azimuth betwee CS Sparger "C" Upper and CS Sparger "D" Lower
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	VT-1	BWRVIP-S08020	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 70%.
Summary No.	<u>:</u>	Component ID:			Class:	System:	Component Description
V18.SB.CUDL	241	SB-CU-DL-SPR@	241		N/ A	cs	Core Spray Sparger Bracket at 241 degrees azimuth betwee CS Sparge "C" Upper and CS Sparger "D" Lower
	Exam Method	Report No.	Results	•			rrective Measures
4547373	VT-1	BWRVIP-S08066	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 65%.
Summary No.		Component ID:					Component Description
V18.SB.CUDL	.268	SB-CU-DL-SPR@	268		N/ A	CS	Core Spray Sparger Bracket at 268 degrees azimuth betwee CS Sparge "C" Upper and CS Sparger "D" Lower
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547373	VT-1	BWRVIP-S08063	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 100%.
Summary No.		Component ID:			Class:	System:	Component Description
/18.SB.CUDL	92	SB-CU-DL-SPR@	92		N/ A	cs	Core Spray Sparger Bracket at 92 degree azimuth betwee CS Sparger "C" Upper and Sparger "D" Lower

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 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:					 	
 Item No.:	V26.H	LDAS	Equal:	2	 	

Summary No.: V26.TGHLDNAS.0 Component ID:

Class: System: Component Description

TG-HLDWN-ASEM@0

N/ Α

Top Guide Hold Down Assembly consisiting of two bolts top and botton and a centeral, spring loaded tensioning locking bolt, which is fillet welded in the locked position at 366 degrees azimuth, 4 degrees counter-

clockwise from 0 degress azimuth.

Work Order Exam Method 4547372 VT-1

Report No.

Results Code Case Comments / Corrective Measures BWRVIP-S08112 NRI

N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Summary No.: V26.TGHLDNAS.180 Component ID:

TG-HLDWN-ASEM@180

N/

Class: System: Component Description

Top Guide Hold Down Assembly consisiting of two bolts top and botton and a centeral, spring loaded tensioning locking bolt, which is fillet welded in the locked position 176 degrees azimuth, 4 degrees counter-clockwise

from 180 degrees azimuth.

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547372 BWRVIP-S08113 NRI N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Item No.: V26.HZAPN Equal: 2

Summary No.:

Component ID:

Class: System: Component Description

V26.HZALPN.0

TG-HOZALNPIN-ASEM@0

N/

Top Guide Horizontal Aligner Assembly Pins, Sockets, and Welds at 0

degrees azimuth

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

NB

NB

VT-1 BWRVIP-\$08060 Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

4547372

NRI

Summary No.

Component ID:

Class: System: Component Description

V26.HZALPN.180

TG-HOZALNPIN-ASEM@180

N/

Top Guide Horizontal Aligner Assembly Pins, Sockets, and Welds at 180

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547372 VT-1

BWRVIP-S08069

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

Item No.: V28.RMWLD Equal: 8

Summary No.:

Component ID:

Class: System: Component Description

V26.RW.0003

TG-RIMWLD@110>120

N/ NB

EVT-1

Report No.

Results Code Case Comments / Corrective Measures

Top Guide Rim Welds, Accessible Welds from 110 to 120 degree azimuth

Work Order Exam Method

BWRVIP-S08076

NRI

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

Summary No.:

4547372

Component ID:

Class: System: Component Description

V26.RW.0004

TG-RIMWLD@140>150

N/ NB Top Guide Rim Welds, Accessible Welds from 140 to 150 degree azimuth

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547372

EVT-1

BWRVIP-S08077

NRI

N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

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

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

Work Order Exam Method

EVT-1

4547371

Report No.

BWRVIP-S08096

NRI

N/A

- 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

3. Plant Unit: 1		6. National Certificate of Authorization (If Required): N/A
<u>Summary No.:</u> V26.RW.0001	Component ID: TG-RIMWLD@20>30	Class: System: Component Description N/ NB Top Guide Rim Welds, Accessible Welds from 20 to 30 degree azimuth A
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
4547372 EVT-1	BWRVIP-S08074 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.
Summary No.: V26.RW.0005	Component ID: TG-RIMWLD@200>210	Class: System; Component Description N/ NB Top Guide Rim Welds, Accessible Welds from 200 to 210 degree azimuth A
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
4547372 EVT-1	BWRVIP-S08078 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.
<u>Summary No.:</u> V26.RW.0006	Component ID: TG-RIMWLD@230>240	Class: System: Component Description N/ NB Top Guide Rim Welds, Accessible Welds from 230 to 240 degree azimuth A
Work Order Exam Method	I Report No. Results	Code Case Comments / Corrective Measures
4547372 EVT-1	BWRVIP-S08079 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.
Summary No.: V26.RW.0008	Component ID: TG-RIMWLD@320>330	Class: System: Component Description N/ NB Top Guide Rim Welds, Accessible Welds from 320 to 330 degrees azimuth
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
4547372 EVT-1	BWRVIP-S08081 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.
Summary No.;	Component ID:	Class: System: Component Description
V26.RW.0002	TG-RIMWLD@50-60	N/ NB Top Guide Rim Welds, Accessible Welds from 50 to 60 degree azimuth A
Work Order Exam Method		Code Case Comments / Corrective Measures
4547372 EVT-1	BWRVIP-S08075 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.
Summary No.;	Component ID:	Class: System: Component Description
V26.RW.0007	TG-RIMWLD>290>300	 N/ NB Top Guide Rim Welds, Accessible Welds from 290 to 300 degrees A azimuth
Work Order Exam Method	Report No. Results	Code Case Comments / Corrective Measures
4547372 EVT-1	BWRVIP-S08080 NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.
Category: VI	P38 Equal: 7	
Item No.:	V38.GW Equal: 7	
Summary No.:	Component ID:	Class: System: Component Description
V38.GWLD.210	GUSWLDS@210	N/ NB Shroud Support Plate Gusset Welds at 210 Degrees Azimuth A

Results Code Case Comments / Corrective Measures

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%

- 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

ummary No.:	Component ID;		Class: System: Component Description
38.GWLD.225	GUSWLDS@225		N/ NB Shroud Support Plate Gusset Welds at 225 Degrees Azimuth A
Nork Order Exam M	ethod Report No.	Results	Code Case Comments / Corrective Measures
4547371 EVT	-1 BWRVIP-\$08087	NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 65%.
ummary No.:	Component ID:		Class: System: Component Description
38.GWLD.240	GUSWLDS@240		N/ NB Shroud Support Plate Gusset Welds at 240 Degrees Azimuth A
Nork Order Exam M	ethod Report No.	Results	Code Case Comments / Corrective Measures
4547371 EVT	-1 BWRVIP-S08097	NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%
ummary No.:	Component ID;		Class: System: Component Description
38.GWLD.255	GUSWLDS@255		N/ NB Shroud Support Plate Gusset Welds at 255 Degrees Azimuth A
Nork Order Exam M		Results	
4547371 EVT	-1 BWRVIP-S08103	NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 60%
ummary No.:	Component ID:		Class: System: Component Description
38.GWLD.30	GUSWLDS@30		N/ NB Shroud Support Plate Gusset Welds at 30 Degrees Azimuth A
Nork Order Exam M	ethod Report No.	Results	Code Case Comments / Corrective Measures
4547371 EVT	-1 BWRVIP-S08057	RI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 45%.
ummary No.:	Component ID:		Class: System: Component Description
38.GWLD.300	GUSWLDS@300		N/ NB Shroud Support Plate Gusset Welds at 300 Degrees Azimuth A
Nork Order Exam M	ethod Report No.	Results	Code Case Comments / Corrective Measures
4547371 EVT	-1 BWRVIP-S08098	NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%
ummary No.:	Component ID:	,	Class: System: Component Description
38.GWLD.330	GUSWLDS@330		N/ NB Shroud Support Plate Gusset Welds at 15 Degrees Azimuth A
Nork Order Exam M	ethod Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
4547371 EVT	-1 BWRVIP-S08107	NRI	N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

- 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
- 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

3. Plant Unit:	: 1					
Ca	ategory: \	VIP41	Equal:	214		
	Item No.:	V41.A	ND1	Equal:	20	

Item No.:	/41.AD1	l: 20				
Summary No.:	Component ID:			Class:	System:	Component Description
/41.AD1.JP1	AD-1-JP1			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-142	Accept	N/A		Sat. See A ige 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.;	Component ID:			Class:	System:	Component Description
/41.AD1.JP10	AD-1-JP10			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-135	Accept	N/A		Sat. See A ige 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class.	System:	Component Description
/41.AD1.JP11	AD-1-JP11			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rective Measures
4563808 Remote Auto UT	VE-S08-171	Accept	N/A		Sat. See A ige 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
/41.AD1.JP12	AD-1-JP12			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rective Measures
4563808 Remote Auto UT	VE-S08-177	Accept	N/A		Sat. See A ge 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
/41.AD1.JP13	AD-1-JP13			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rective Measures
4563808 Remote Auto UT	VE-S08-183	Accept	N/A		Sat. See A ge 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
/41.AD1.JP14	AD-1-JP14			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	ients / Coi	rective Measures

- 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

3. Plant Unit: 1						National Certificate of Authorization (If Required): N/
Summary No.:	Component ID:			Class:	System:	Component Description
/41.AD1.JP15	AD-1-JP15			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-189	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;			Class:	System:	Component Description
V41.AD1.JP16	AD-1-JP16			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-204	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD1.JP17	AD-1-JP17			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-210	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No. <u>:</u>	Component ID:		 	Class:	System:	Component Description
V41.AD1.JP18	AD-1-JP18			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-216	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD1.JP19	AD-1-JP19			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-222	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD1.JP2	AD-1-JP2			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-147	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD1.JP20	AD-1-JP20			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-228	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD1.JP3	AD-1-JP3			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-153	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class;	System:	Component Description
V41.AD1.JP4	AD-1-JP4			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-159	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class;	System:	Component Description
V41.AD1.JP5	AD-1-JP5			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	<u>nents / Co</u>	rrective Measures
4563808 Remote Auto UT	VE-S08-165	Accept	N/A		Sat. See A age 100%.	areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD1.JP6	AD-1-JP6			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comm	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-110	Accept	N/A		Sat. See Ange 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD1.JP7	AD-1-JP7			N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-117	Accept	N/A		Sat. See A ige 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID;		<u>c</u>	Class: Sys	tem:	Component Description
V41.AD1.JP8	AD-1-JP8			N/ N A	IB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comments	s / Cor	rective Measures
4563808 Remote Auto UT	VE-S08-123	Accept	N/A	Exam Sat. coverage 1		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: Sys	tem:	Component Description
V41.AD1.JP9	AD-1-JP9		_		IB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)
Work Order Exam Method	Report No.	Results	Code Case	Comments	Cor	rective Measures
4563808 Remote Auto UT	VE-S08-129	Accept	N/A	Exam Sat. coverage 1		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Item No.:	V41.AD2 Equa	nl: 20				
Summary No.:	Component ID:			Class: Sys	tem:	Component Description
V41.AD2.JP1	AD-2-JP1			N/ N A	IB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comments	s / Cor	rective Measures
4563808 Remote Auto UT	VE-S08-141	Accept	N/A	Exam Sat. coverage 8	See A 7.5%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.: V41.AD2.JP10	Component ID: AD-2-JP10		<u> </u>		tem: IB	Component Description Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comments	s / Coi	rective Measures
4563808 Remote Auto UT	VE-S08-134	Accept	N/A		See A	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: Sys	tem:	Component Description
V41.AD2.JP11	AD-2-JP11		_		IB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comments	s / Cor	rective Measures
4563808 Remote Auto UT	VE-S08-172	Accept	N/A	Exam Sat. coverage 8		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:		9	Class: Sys		Component Description
V41.AD2.JP12	AD-2-JP12			N/ N A	IB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comments	s / Cor	rective Measures
4563808 Remote Auto UT	VE-S08-178	Accept	N/A	Exam Sat. coverage 8		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

3. Plant Unit. 1						6. National Certificate of Authorization (If Require	ea): r
Summary No.:	Component ID:			Class:	System:	Component Description	
/41.AD2.JP13	AD-2-JP13			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-184	Accept	N/A		Sat. See <i>F</i> age 87.5%	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. E	Exam
Summary No.:	Component ID:			Class:	System:	Component Description	
V41.AD2.JP14	AD-2-JP14			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
Work Order Exam Method	Report No.	Results	Code Case	Com	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-199	Accept	N/A		Sat. See <i>A</i> age 87.5%	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. E	Exam
Summary No.;	Component ID:			Class;	System:	Component Description	
V41.AD2.JP15	AD-2-JP15			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
Work Order Exam Method	Report No.	Results	Code Case	Com	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-190	Accept	N/A		Sat. See A age 87.5%	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. E	Exam
Summary No.:	Component ID:			Class:	System:	Component Description	
V41.AD2.JP16	AD-2-JP16			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-205	Accept	N/A		Sat. See Aage 87.5%	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. E	Exam
Summary No.:	Component ID:			Class:	System:		
V41.AD2.JP17	AD-2-JP17			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-211	Accept	N/A	Exam		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. E	Exam
Summary No.:	Component ID:					Component Description	
V41.AD2.JP18	AD-2-JP18			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-217	Accept	N/A	Exam	Sat. See A	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. E	xam

coverage 87.5%.

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

3. Plant Unit: 1						National Certificate of Authorization (If Required): N
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD2.JP19	AD-2-JP19			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Com	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-223	Accept	N/A		Sat. See <i>I</i> age 87.5%	areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System;	Component Description
V41.AD2.JP2	AD-2-JP2			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Com	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-148	Accept	N/A		Sat. See <i>I</i> age 87.5%	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD2.JP20	AD-2-JP20			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Com	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-229	Accept	N/A		Sat. See A age 87.5%	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:	P.W		Class:	System;	Component Description
V41.AD2.JP3	AD-2-JP3			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Com	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-154	Accept	N/A		Sat. See <i>A</i> age 87.5%	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.AD2.JP4	AD-2-JP4			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-160	Accept	N/A		Sat. See <i>A</i> age 87.5%	sreva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			<u>Class:</u>	System:	Component Description
V41.AD2.JP5	AD-2-JP5			N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-166	Accept	N/A		Sat. See Aage 87.5%	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

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

3. Plant Unit: 1	,				6. National Certificate of Authorization (If Required): N/A
Summary No.;	Component ID:			Class: System:	Component Description
V41.AD2.JP6	AD-2-JP6			N/ NB A	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-111	Accept	N/A	Exam Sat. See A coverage 87.5%	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
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Summary No.:	Component ID:			Class: System:	Component Description
V41.AD2.JP7	AD-2-JP7			N/ NB A	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-116	Accept	N/A	Exam Sat. See A coverage 87.5%	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.;	Component ID:			Class: System:	Component Description
V41.AD2.JP8	AD-2-JP8			N/ NB	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-122	Accept	N/A	Exam Sat. See A coverage 87.5%	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;			Class: System:	Component Description
V41.AD2.JP9	AD-2-JP9			N/ NB A	Jet Pump Adapter Bottom to Core Shroud Support Plate
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4563808 Remote Auto UT	VE-\$08-128	Accept	N/A	Exam Sat. See A coverage 87.5%	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Item No.:	V41.BB Equa	ni: 20			
Summary No.:	Component ID:			Class: System:	Component Description
V41BB.JP1	BB-3-JP1			N/ NBI A	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4547376 Remote UT	VE-S08-081	Accept	N/A	Exam Sat. See A coverage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: System:	Component Description
V41BB.JP10	BB-3-JP10			N/ NBI A	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4547376 Remote UT	VE-S08-091	Accept	N/A	Exam Sat. See A coverage 100%,	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

	. 1						o. National Certificate of Authorization (if Nequilleu). N/A
Summary No	<u>:</u>	Component ID:			Class:	System:	Component Description
V41BB.JP11		BB-3-JP11			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547376	Remote UT	VE-S08-092	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No	<u>.</u>	Component ID:			Class:	System:	Component Description
V41BB.JP12		BB-3-JP12			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547376	Remote UT	VE-S08-093	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No	<u>.</u>	Component ID:				System:	Component Description
V41BB.JP13		BB-3-JP13			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comn	nents / Co	rrective Measures
4547376	Remote UT	VE-S08-094	Accept	N/A		Sat. See Aage 100%.	areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No	<u>.</u>	Component ID:			Class:	System:	Component Description
V41BB.JP14		BB-3-JP14			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547376	Remote UT	VE-S08-095	Accept	N/A	Exam		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No	<u>:</u>	Component ID:			Class:	System:	Component Description
V41BB.JP15		BB-3-JP15			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547376	Remote UT	VE-S08-096	Accept	N/A	Exam		sreva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.	<u>.</u>	Component ID:			Class:	System:	Component Description
V41BB.JP16		BB-3-JP16			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)
Work Order	Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4547376	Remote UT	VE-S08-097	Accept	N/A	Exam		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

- 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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class: S	System:	Component Description
V41BB.JP17	BB-3-JP17			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order Exam Method	Report No.	Results	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-098	Accept	N/A		at. See A e 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: S	System:	Component Description
V41BB.JP18	BB-3-JP18			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)
Work Order Exam Method	Report No.	Results	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-099	Accept	N/A		at. See A e 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam .
Summary No.:	Component ID:			Class: S	System:	Component Description
V41BB.JP19	BB-3-JP19			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)
Work Order Exam Method	Report No.	Results	Code Case	Comme	ents / Co	rrective Measures
4547376 Remote UT	VE-S08-100	Accept	N/A		at. See <i>A</i> le 100%.	areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: 5	System:	Component Description
V41BB.JP2	BB-3-JP2			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)
Work Order Exam Method	Report No.	Results	Code Case	Comme	ents / Co	rrective Measures
4547376 Remote UT	VE-S08-082	Accept	N/A		at. See A e 100%.	areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: S	System:	Component Description
V41BB.JP20	BB-3-JP20			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)
Work Order Exam Method	Report No.	Results	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-089	Accept	N/A		at. See A e 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: S		·
V41BB.JP3	BB-3-JP3			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-083	Accept	N/A		at. See A e 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

7/22/2008

- 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

3. Plant Unit: 1						o. National Certificate of Authorization (if Required). N/A
Summary No.:	Component ID:			Class: S	ystem;	Component Description
V41BB.JP4	BB-3-JP4			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 08
Work Order Exam Method	Report No.	Results	Code Case	Commer	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-084	Accept	N/A	Exam Sa coverage		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class; S	ystem;	Component Description
V41BB.JP5	BB-3-JP5			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order Exam Method	Report No.	Results	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-085	Accept	N/A	Exam Sa coverage		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: S	ystem:	Component Description
V41BB.JP6	BB-3-JP6			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-086	Accept	N/A	Exam Sa coverage		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: S	ystem:	Component Description
V41BB.JP7	BB-3-JP7			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order Exam Method	Report No.	Results	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-087	Accept	N/A	Exam Sa coverage		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: S	ystem:	Component Description
V41BB.JP8	BB-3-JP8			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order Exam Method	Report No.	Results	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-088	Accept	N/A	Exam Sa coverage		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: S	ystem;	Component Description
V41BB.JP9	BB-3-JP9			N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086
Work Order Exam Method	Report No.	Results	Code Case	Comme	nts / Co	rrective Measures
4547376 Remote UT	VE-S08-090	Accept	N/A	Exam Sa coverage		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 4. Commercial Service Date: 07/01/1974
- 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.BB1 Equa	i: 20			
Summary No.:	Component ID:	T-100-100-100-100-100-100-100-100-100-10		Class: Syster	n: Component Description
V41BB1.JP1	BB-1-JP1			N/ NBI A	Jet Pump Beam Bolt Hole Region
Work Order Exam Metho	d Report No.	Results	Code Case	Comments /	Corrective Measures
4547376 Remote UT	VE-S08-041	Accept	N/A	Exam Sat. Se coverage 100	e Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam %.
Summary No.:	Component ID:			Class: Syster	n: Component Description
/41BB1.JP10	BB-1-JP10			N/ NBI A	Jet Pump Beam Bolt Hole Region
Work Order Exam Metho	Neport No.	Results	Code Case	Comments /	Corrective Measures
4547376 Remote UT	VE-S08-050	Accept	N/A	Exam Sat. Se coverage 100	e Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam %.
Summary No.:	Component ID:			Class; Syster	n: Component Description
V41BB1.JP11	BB-1-JP11			N/ NBI A	Jet Pump Beam Bolt Hole Region
Work Order Exam Metho	od Report No.	Results	Code Case	Comments /	Corrective Measures
4547376 Remote U1	VE-S08-051	Accept	N/A	Exam Sat. Se coverage 100	e Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam %.
Summary No.;	Component ID:			Class: Syster	n: Component Description
V41BB1.JP12	BB-1-JP12			N/ NBI	Jet Pump Beam Bolt Hole Region
Work Order Exam Metho	od Report No.	Results	Code Case	Comments /	Corrective Measures
4547376 Remote UT	VE-S08-052	Accept	N/A	Exam Sat. Secoverage 100	e Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam %.
Summary No.:	Component ID:			Class: Syster	n: Component Description
V41BB1.JP13	BB-1-JP13			N/ NBI A	Jet Pump Beam Bolt Hole Region
Work Order Exam Metho	od Report No.	Results	Code Case	Comments /	Corrective Measures
4547376 Remote UT	VE-S08-053	Accept	N/A	Exam Sat. Se coverage 100	e Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam %.
Summary No.:	Component ID;			Class: System	n: Component Description
V41BB1.JP14	BB-1-JP14			N/ NBI A	Jet Pump Beam Bolt Hole Region
Work Order Exam Metho	od Report No.	Results	Code Case	Comments /	Corrective Measures
4547376 Remote UT	VE-S08-054	Accept	N/A	Exam Sat. Secoverage 100	e Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam %.

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

3. Plant Unit: 1					6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class: Syste	m: Component Description
/418B1.JP15	BB-1-JP15			N/ NB A	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comments	Corrective Measures
4547376 Remote UT	VE-S08-055	Accept	N/A	Exam Sat. S coverage 10	ee Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam 0%.
Summary No.:	Component ID:	· · · · · · · · · · · · · · · · · · ·		Class: Syste	m: Component Description
/41BB1.JP16	BB-1-JP16			N/ NB A	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comments	Corrective Measures
4547376 Remote UT	VE-S08-056	Accept	N/A	Exam Sat. S coverage 10	ee Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam 0%.
Summary No.:	Component ID:			Class: Syste	m: Component Description
V41BB1.JP17	BB-1-JP17			N/ NB A	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comments	Corrective Measures
4547376 Remote UT	VE-S08-057	Accept	N/A	Exam Sat. S coverage 10	ee Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam 0%.
Summary No.:	Component ID:			Class: Syste	m; Component Description
/41BB1.JP18	BB-1-JP18			N/ NB A	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comments	Corrective Measures
4547376 Remote UT	VE-S08-058	Accept	N/A	Exam Sat. S coverage 10	ee Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam 0%.
Summary No.:	Component ID:			Class: Syste	m: Component Description
/41BB1.JP19	BB-1-JP19			N/ NB A	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comments	Corrective Measures
4547376 Remote UT	VE-S08-059	Accept	N/A	Exam Sat. S coverage 10	ee Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam 0%.
Summary No.:	Component ID:			Class: Syste	
V41BB1.JP2	BB-1-JP2			N/ NB A	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comments	Corrective Measures
4547376 Remote UT	VE-S08-042	Accept	N/A	Exam Sat. S coverage 10	ee Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam 0%.

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

						6. National Certificate of Authorization (If Required): N
<u>Summary No.:</u> /41BB1.JP20	Component ID: BB-1-JP20			Class: N/ A	<u>System:</u> NBI	Component Description Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-060	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System;	Component Description
V41BB1.JP3	BB-1-JP3			N/ A	NBI	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-043	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam .
Summary No.:	Component ID:			Class;	System;	Component Description
V41BB1.JP4	BB-1-JP4			N/ A	NBI	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-044	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;			Class:	System:	Component Description
V41BB1.JP5	BB-1-JP5			N/ A	NBI	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-045	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;			Class;	System;	Component Description
V41BB1.JP6	BB-1-JP6			N/ A	NBI	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-046	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:				System:	Component Description
V41BB1.JP7	BB-1-JP7			N/ A	NBI	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comn	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-047	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

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

3. Plant Unit: 1					6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class: System:	Component Description
V41BB1.JP8	BB-1-JP8			N/ NBI A	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rective Measures
4547376 Remote UT	VE-S08-048	Accept	N/A	Exam Sat. See A coverage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:		,	Class: System:	Component Description
V41BB1.JP9	BB-1-JP9			N/ NBI A	Jet Pump Beam Bolt Hole Region
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rective Measures
4547376 Remote UT	VE-S08-049	Accept	N/A	Exam Sat. See A coverage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Item No.:	V 41.BB2 Equa	l: 20			
Summary No.:	Component ID:			Class: System:	Component Description
V41BB2.JP1	BB-2-JP1			N/ NBI A	Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rective Measures
4547376 Remote UT	VE-S08-061	Accept	N/A	Exam Sat. See A coverage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: System:	Component Description
V41BB2.JP10	BB-2-JP10			N/ NBI A	Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rective Measures
4547376 Remote UT	VE-S08-070	Accept	N/A		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: System:	Component Description
V41BB2.JP11	BB-2-JP11			N/ NBI A	Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	Results	Code Case	Comments / Cor	rective Measures
4547376 Remote UT	VE-S08-071	Accept	N/A	Exam Sat. See A coverage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class: System:	Component Description
V41BB2.JP12	BB-2-JP12			N/ NBI A	Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	Results	Code Case	Comments / Cor	rective Measures
4547376 Remote UT	VE-S08-072	Accept	N/A	Exam Sat. See A coverage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

3. Plant Unit: 1			6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:		Class: System: Component Description
/41BB2.JP13	BB-2-JP13		N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547376 Remote UT	VE-S08-073	Accept	N/A Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID;		Class: System: Component Description
V41BB2.JP14	BB-2-JP14		N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	Results	S Code Case Comments / Corrective Measures
4547376 Remote UT	VE-S08-074	Accept	N/A Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID:		Class: System: Component Description
V41BB2.JP15	BB-2-JP15		N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547376 Remote UT	VE-S08-075	Accept	N/A Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID:		Class: System: Component Description
V41BB2.JP16	BB-2-JP16		N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4547376 Remote UT	VE-S08-076	Accept	N/A Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID;		Class: System: Component Description
V41BB2.JP17	BB-2-JP17		N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	<u>Results</u>	Code Case Comments / Corrective Measures
4547376 Remote UT	VE-S08-077	Accept	N/A Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID:		Class: System: Component Description
V41BB2.JP18	BB-2-JP18		N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	S Code Case Comments / Corrective Measures
4547376 Remote UT	VE-S08-078	Accept	

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

3. Plant Unit: 1				6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class: System: Component Description
/41BB2.JP19	BB-2-JP19			N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	Code Case	Comments / Corrective Measures
4547376 Remote UT	VE-S08-079	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID:			Class: System: Component Description
/41BB2.JP2	BB-2-JP2			N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	Code Case	Comments / Corrective Measures
4547376 Remote UT	VE-S08-062	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.;	Component ID:			Class: System: Component Description
V41BB2.JP20	BB-2-JP20			N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	Code Case	Comments / Corrective Measures
4547376 Remote UT	VE-S08-080	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID:			Class: System: Component Description
V41BB2.JP3	BB-2-JP3			N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	Code Case	Comments / Corrective Measures
4547376 Remote UT	VE-S08-063	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID:		····- ··· · · · · · · · · · · · · · · ·	Class: System: Component Description
√41BB2.JP4	BB-2-JP4			N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	Code Case	Comments / Corrective Measures
4547376 Remote UT	VE-S08-064	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID:			Class: System: Component Description
V41BB2.JP5	BB-2-JP5			N/ NBI Jet Pump Beam Transition Arm Region Machined Radius Area A
Work Order Exam Method	Report No.	Results	Code Case	Comments / Corrective Measures
4547376 Remote UT	VE-S08-065	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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

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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class:	System:	Component Description
V41BB2.JP6	BB-2-JP6			N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-066	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System;	Component Description
V41BB2.JP7	BB-2-JP7			N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comn	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-067	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;			Class:	System:	Component Description
V41BB2.JP8	BB-2-JP8			N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comn	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-068	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41BB2.JP9	BB-2-JP9			N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547376 Remote UT	VE-S08-069	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Item No.:	V41.DF1 Equa	il: 20				
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF1.JP1	DF-1-JP1			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-143	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF1.JP10	DF-1-JP10	•		N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-138	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report: Exam

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

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

3. Plant Unit: 1			6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:		Class: System: Component Description
V41.DF1.JP11	DF-1-JP11		N/ NB Jet Pump Diffuser Collar to Diffuser Shell Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF1.JP12	DF-1-JP12		N/ NB Jet Pump Diffuser Collar to Diffuser Shell Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID;		Class: System: Component Description
V41.DF1.JP13	DF-1-JP13		N/ NB Jet Pump Diffuser Collar to Diffuser Shell Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF1.JP14	DF-1-JP14		N/ NB Jet Pump Diffuser Collar to Diffuser Shell Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF1.JP15	DF-1-JP15		N/ NB Jet Pump Diffuser Collar to Diffuser Shell Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.: V41.DF1.JP16	Component ID: DF-1-JP16		Class: System: Component Description N/ NB Jet Pump Diffuser Collar to Diffuser Shell Weld
VT1.DE 1.3E 10	_, , u, io		N/ NB Jet Pump Diffuser Collar to Diffuser Shell Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.

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

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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N/
Summary No.:	Component ID:			Class:	System:	Component Description
/41.DF1.JP17	DF-1-JP17			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Com</u>	nents / Co	rrective Measures
4563808 Remote Auto Ut	VE-S08-212	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
/41.DF1.JP18	DF-1-JP18			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Com</u>	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-218	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class;	System;	Component Description
V41.DF1.JP19	DF-1-JP19			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Com</u>	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-225	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF1.JP2	DF-1-JP2			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Com</u>	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-149	Accept	. N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
/41.DF1.JP20	DF-1-JP20			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Comr</u>	nents / Co	rrective Measures
4563808 Remote Auto Ut	VE-S08-230	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description .
V41.DF1.JP3	DF-1-JP3			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Comr</u>	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-155	Accept	N/A		Sat. See A	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

coverage 100%.

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

4563808 Remote Auto UT

VE-S08-132

N/A

coverage 100%.

Accept

4. Commercial Service Date: 07/01/1974

Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

S. Flant Ont. 1						6. National Certificate of Authorization (If Required): I
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF1.JP4	DF-1-JP4			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto Ut	VE-S08-161	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	Svstem:	Component Description
V41.DF1.JP5	DF-1-JP5			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-167	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class;	System:	Component Description
V41.DF1.JP6	DF-1-JP6			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto Ut	VE-S08-114	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;			Class:	System:	Component Description
V41.DF1.JP7	DF-1-JP7			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	Com	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-120	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF1.JP8	DF-1-JP8			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-\$08-126	Accept	N/A		Sat. See Aage 100%.	sreva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF1.JP9	DF-1-JP9			N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comn	nents / Co	rrective Measures
				_	2 . 2	

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

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

3. Plant Unit: 1			6. National Certificate of Authorization (If Required): N
Item No.:	V41.DF2 Equa	ıl: 20	
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP1	DF-2-JP1		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP10	DF-2-JP10		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP11	DF-2-JP11		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP12	DF-2-JP12		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP13	DF-2-JP13		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP14	DF-2-JP14		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
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%.

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

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

3. Plant Unit: 1			6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP15	DF-2-JP15		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	S Code Case Comments / Corrective Measures
4563808 Remote Auto UT	VE-\$08-192	Accept	N/A Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.;	Component ID;		Class: System: Component Description
V41.DF2.JP16	DF-2-JP16		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	S Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID;		Class: System: Component Description
V41.DF2.JP17	DF-2-JP17		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	S Code Case Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP18	DF-2-JP18		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	Code Case Comments / Corrective Measures
4563808 Remote Auto UT	VE-S08-219	Accept	t N/A Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP19	DF-2-JP19		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	<u>Code Case</u> Comments / Corrective Measures
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%.
Summary No.:	Component ID:		Class: System: Component Description
V41.DF2.JP2	DF-2-JP2		N/ NB Jet Pump Diffuser Shell to Tailpipe Weld A
Work Order Exam Method	Report No.	Results	<u>Code Case</u> Comments / Corrective Measures
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%.

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

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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF2.JP20	DF-2-JP20			N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Com</u>	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-231	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF2.JP3	DF-2-JP3			N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	<u>Com</u>	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-156	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF2.JP4	DF-2-JP4			N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld
Work Order Exam Method	Report No.	Results	Code Case	e Com	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-162	Accept	N/A		Sat. See Aage 100%,	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF2.JP5	DF-2-JP5			N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld
Work Order Exam Method	Report No.	Results	Code Case	e Comi	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-168	Accept	N/A		ı Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF2.JP6	DF-2-JP6			N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld
Work Order Exam Method	Report No.	Results	Code Case	<u>Com</u>	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-113	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF2.JP7	DF-2-JP7			N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	<u>Com</u>	ments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-119	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam-Examination Final Report. Exam

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

7/22/2008

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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required	1): N
Summary No.:	Component ID;			Class:	System:	Component Description	
/41.DF2.JP8	DF-2-JP8			N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-125	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Ex	kam
Summary No.:	Component ID:			Class:	System;	Component Description	
/41.DF2.JP9	DF-2-JP9			N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
Work Order Exam Method	Report No.	Results	Code Case	<u>Comr</u>	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-131	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Ex	kam
Item No.:	V41.DF3 Equa	al: 20					
Summary No.:	Component ID:			Class:	System:	Component Description	
V41.DF3,JP1	DF-3-JP1			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
Work Order Exam Method	Report No.	Results	Code Case	Com	ments / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-145	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Ex	xam
Summary No.:	Component ID:			Class:	System:	Component Description	
V41.DF3.JP10	DF-3-JP10			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
Work Order Exam Method	Report No.	Results	Code Case	<u>Comr</u>	ments / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-136	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Ex	xam
Summary No.:	Component ID:			Class:	System:	Component Description	
V41.DF3.JP11	DF-3-JP11			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
Work Order Exam Method	Report No.	Results	Code Case	<u>Comr</u>	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-175	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Ex	kam
Summary No.:	Component ID:			Class:	System:	Component Description	
V41.DF3.JP12	DF-3-JP12			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-181	Accept	N/A		Sat. See A	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Ex	kam

coverage 100%.

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

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

3. Plant Unit: 1		•				6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:		<u>c</u>	Class:	System:	Component Description
V41.DF3.JP13	DF-3-JP13			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comme	ents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-187	Accept			Sat. See A ge 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:		<u>c</u>	Class:	System:	Component Description
V41.DF3.JP14	DF-3-JP14			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comme	ents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-202	Accept	. N/A		Sat. See A ge 100%.	areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF3.JP15	DF-3-JP15			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comme	ents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-193	Accept	N/A	Exam S		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:		<u>c</u>	Class:	System:	Component Description
V41.DF3.JP16	DF-3-JP16			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comme	ents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-208	Accept	N/A		Sat. See A ge 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF3.JP17	DF-3-JP17			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comme	ents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-214	Accept	N/A	Exam S		reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:		<u>_</u>	Class:	System:	Component Description
V41.DF3.JP18	DF-3-JP18			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comme	ents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-220	Accept	N/A		Sat. See A ge 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

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

3. Plant Unit: 1						National Certificate of Authorization (If Required): N
Summary No.:	Component ID:			Class:	System:	Component Description
/41.DF3.JP19	DF-3-JP19			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-226	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF3.JP2	DF-3-JP2			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case		nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-151	Accept	N/A			Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
		•			age 100%.	,
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF3.JP20	DF-3-JP20			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-232	Accept	N/A		Sat. See A age 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF3.JP3	DF-3-JP3			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-157	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF3.JP4	DF-3-JP4			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-163	Accept	N/A		Sat. See Aage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.DF3.JP5	DF-3-JP5			N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-169	Accept	N/A		Sat. See A	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

coverage 100%.

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

Work Order Exam Method

EVT-1

4547371

Report No.

BWRVIP-S08122

NRI

N/A

- 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

3. Plant Unit: 1				à	6. National Certificate of Authorization (If Required): N/
Summary No.:	Component ID:		<u>c</u>	Class: System:	Component Description
V41.DF3.JP6	DF-3-JP6			N/ NB A	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-112	Accept	N/A	Exam Sat. See A coverage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;			Class: System:	Component Description
V41.DF3.JP7	DF-3-JP7			N/ NB A	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-118	Accept	N/A	Exam Sat. See A coverage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;		<u> </u>	Class: System:	Component Description
V41.DF3.JP8	DF-3-JP8			N/ NB A	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-124	Accept	N/A	Exam Sat. See A coverage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:		· · ·	Class: System:	Component Description
V41.DF3.JP9	DF-3-JP9			N/ NB A	Jet Pump Diffuser Tailpipe to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-130	Accept	N/A	Exam Sat. See A coverage 100%.	Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Item No.:	V41.IN4 Equa	il: 2			
Summary No.:	Component ID:			Class: System:	Component Description
V41.IN4.JP19	IN-4-JP19			N/ NB A	Jet Pump Inlet Single Hole Nozzle Casting to Mixer Barrel
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4547371 EVT-1	BWRVIP-S08116	NRI	N/A	Exam Sat. See	Areva RE24 IVVI Final Report. Exam coverage 30%.
Summary No.:	Component ID:		<u>0</u>	Class: System:	
V41.IN4.JP20	IN-4-JP20			N/ NB A	Jet Pump Inlet Single Hole Nozzle Casting to Mixer Barrel

Results Code Case Comments / Corrective Measures

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

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

Summary No.:	Component ID:			Class:	System:	Component Description	
/41.MX2.JP1	MX-2-JP1			N/ A	NB	Jet Pump Barrel to Adapter Weld	
Nork Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-146	Accept	N/A		Sat. See A age 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report.	Exam
Summary No.:	Component ID:			Class:	System:	Component Description	
/41.MX2.JP10	MX-2-JP10			N/ A	NB	Jet Pump Barrel to Adapter Weld	
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comn	<u>nents / Co</u>	rrective Measures	
4563808 Remote Auto UT	VE-S08-139	Accept	N/A		Sat. See A age 100%.	areva RE24 Jet Pump Diffuser/Beam Examination Final Report.	Exam
Summary No.:	Component ID:			Class:	System:	Component Description	
V41.MX2.JP11	MX-2-JP11			N/ A	NB	Jet Pump Barrel to Adapter Weld	
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-176	Accept	N/A		Sat. See A age 100%,	areva RE24 Jet Pump Diffuser/Beam Examination Final Report.	Exam
Summary No.:	Component ID:			Class:	System:	Component Description	
V41.MX2.JP12	MX-2-JP12			N/ A	NB	Jet Pump Barrel to Adapter Weld	
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-182	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report.	Exam
Summary No.:	Component ID:			Class:	System:	Component Description	
/41.MX2.JP13	MX-2-JP13			N/ A	NB	Jet Pump Barrel to Adapter Weld	
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-188	Accept	N/A		Sat. See A age 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. I	Exam
Summary No.:	Component ID:	•		Class:	System:	Component Description	
/41.MX2.JP14	MX-2-JP14			N/ A	NB	Jet Pump Barrel to Adapter Weld	
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures	
4563808 Remote Auto UT	VE-S08-203	Accept	N/A	,			Exam

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

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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class;	System:	Component Description
V41.MX2.JP15	MX-2-JP15			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-194	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.MX2.JP16	MX-2-JP16			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-209	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System;	Component Description
V41.MX2.JP17	MX-2-JP17			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-215	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.MX2.JP18	MX-2-JP18			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-221	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.MX2.JP19	MX-2-JP19			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-227	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID;			Class:	System:	Component Description
V41.MX2.JP2	MX-2-JP2			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-152	Accept	N/A		Sat. See A ige 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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- 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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): N
Summary No.:	Component ID:			Class:	System:	Component Description
V41.MX2.JP20	MX-2-JP20			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-233	Accept	N/A		Sat. See A age 100%.	areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.MX2.JP3	MX-2-JP3			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote auto UT	VE-S08-158	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.MX2.JP4	MX-2-JP4			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-164	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System;	Component Description
V41.MX2.JP5	MX-2-JP5			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-170	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:			Class:	System:	Component Description
V41.MX2.JP6	MX-2-JP6			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-115	Accept	N/A		Sat. See Aage 100%.	sreva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam
Summary No.:	Component ID:					Component Description
V41.MX2.JP7	MX-2-JP7			N/ A	NB	Jet Pump Barrel to Adapter Weld
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4563808 Remote Auto UT	VE-S08-121	Accept	N/A		Sat. See Aage 100%.	reva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

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

Summary No.: V41.MX2.JP8

Component ID:

MX-2-JP8

Class: System: Component Description N/

Jet Pump Barrel to Adapter Weld

Jet Pump Barrel to Adapter Weld

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4563808 Remote Auto UT

4563808 Remote Auto UT

VE-S08-127

Accept N/A

Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

Summary No.: V41.MX2.JP9

Component ID:

VE-S08-133

MX-2-JP9

Class: System: Component Description

N/ NB

Work Order Exam Method Report No.

N/A Accept

Results Code Case Comments / Corrective Measures

Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam

coverage 100%.

Item No.: V41.RB1a Equal: 2

Summary No.: V41.RB1a.JP19-20

Component ID: RB-1a-JP19&JP20

Class: System: Component Description

N/

Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547371 EVT-1

BWRVIP-S08124

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

Summary No.: V41.RB1a.JP9-10

Component ID; RB-1a-JP9&JP10

N/

Class: System: Component Description Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547371

Summary No.:

EVT-1

BWRVIP-S08058

NRI N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

Item No.: V41.RB1b

Equal: 2

Class: System: Component Description

V41.RB1b.JP19-20

Component ID: RB-1b-JP19&JP20

N/ NR

Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547371

EVT-1

BWRVIP-S08118

NRI

N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

Summary No.:

Component ID:

Class: System: Component Description

NB

V41.RB1b.JP9-10

RB-1b-JP9&JP10

N/

Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld

Work Order Exam Method

4547371 EVT-1

Report No. BWRVIP-S08040

Results Code Case Comments / Corrective Measures

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

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

Work Order Exam Method

EVT-1

4547371

Report No.

BWRVIP-S08051

NRI

- 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 Class: System: Component Description Component ID: RB-1c-JP19&JP20 V41.RB1c.JP19-20 N/ NB Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 BWRVIP-S08125 EVT-1 NRI N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%. Summary No.: Component ID: Class: System: Component Description RB-1c-JP9&JP10 V41.RB1c.JP9-10 N/ Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld Α Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 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 Class: System: Component Description Summary No.: Component ID: V41.RB1d.JP19-20 RB-1d-JP19&JP20 Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld N/ NB Work Order Exam Method Results Code Case Comments / Corrective Measures Report No. 4547371 EVT-1 BWRVIP-S08119 NRI N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 75%. Summary No.: Component ID; Class: System: Component Description RB-1d-JP9&JP10 V41.RB1d.JP9-10 N/ Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 FVT-1 BWRVIP-S08041 NRI N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%. Item No.: V41.RB2a Equal: 2 Summary No .: Component ID: Class: System: Component Description V41.RB2a.JP19-20 RB-2a-JP19&JP20 Jet Pump Primary Riser Brace Leaf to Yoke Weld Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 EVT-1 BWRVIP-S08126 NRI N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%. Summary No.: Component ID: Class: System: Component Description V41.RB2a.JP9-10 RB-2a-JP9&JP10 Jet Pump Primary Riser Brace Leaf to Yoke Weld N/ NB Α

Results Code Case Comments / Corrective Measures

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

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

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98,
- Brownville, NE 68321-0098 3. Plant Unit: 1
- Item No.: V41.RB2b Equal: 2

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

Component ID: Class: System: Component Description RB-2b-JP19&JP20 V41.RB2b.JP19-20 NB Jet Pump Primary Riser Brace Leaf to Yoke Weld N/ Α Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 EVT-1 BWRVIP-S08120 NRI N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Summary No.: Component ID: Class: System: Component Description V41.RB2b.JP9-10 RB-2b-JP9&JP10 Jet Pump Primary Riser Brace Leaf to Yoke Weld N/ NB

Α Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 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

Summary No.: Component ID: Class: System: Component Description

V41.RB2c.JP19-20 RB-2c-JP19&JP20 N/ NB Jet Pump Primary Riser Brace Leaf to Yoke Weld

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 EVT-1 **BWRVIP-S08127** NRI Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Class: System: Component Description

V41.RB2c.JP9-10 RB-2c-JP9&JP10 Jet Pump Primary Riser Brace Leaf to Yoke Weld N/

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 EVT-1 BWRVIP-\$08052 NRI N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Item No.: V41.RB2d Equal: 2

Component ID:

Summary No.:

Class: System: Component Description Summary No.: Component ID: V41.RB2d.JP19-20 RB-2d-JP19&JP20 Jet Pump Primary Riser Brace Leaf to Yoke Weld N/ NR

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 EVT-1 BWRVIP-S08128 NRI Exam Sat. See Areva RE24 IVVI Final Report. Exam Coverage 50%. N/A

Summary No.: Component ID: Class: System: Component Description

V41.RB2d.JP9-10 RB-2d-JP9&JP10 Jet Pump Primary Riser Brace Leaf to Yoke Weld N/

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547371 EVT-1 BWRVIP-S08054 NRI Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Work Order Exam Method

EVT-1

4547371

Report No.

BWRVIP-S08129

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

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

							6. National Certificate of Authorization (If Required): N/
	Item No.:	V41.RS3 Equa	l: 1			ز.	
Summary No	.:	Component ID:			Class:	System:	Component Description
V41.RS3.JP1	_	RS-3-JP19&JP20			N/ A	NB	Jet Pump Riser Pipe to Transition Piece Weld
Work Order	Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rrective <u>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 Equa	l: 2]	
Summary No		Component ID:			Class:	System:	Component Description
V41.RS6.JP1	9	RS-6-JP19			N/ A	NB	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (right side lookin toward RPV
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comm	ents / Co	rrective Measures
4547371	EVT-1	BWRVIP-S08115	NRI	N/A	Exam	Sat. See	Areva RE24 IVVI Final Report. Exam coverage 40%.
Summary No		Component ID:			Class:	System;	Component Description
V41.RS6.JP9		RS-6-JP9			N/ A	NB	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (right side looking toward RPV
Work Order	Exam Method	Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
	Item No.:		1: 2	••••		·-ī	
		V41.RS7 Equa				ز.	
Summary No					Class:	Svstem:	Component Description
	<u></u>	Component ID: RS-7-JP10			Class: N/ A	System: NB	Component Description Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV)
Summary No V41.RS7.JP1 Work Order	<u></u>	Component ID:	Results	Code Case	N/ A	NB	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking
V41.RS7.JP1	. <u></u> 0	Component ID: RS-7-JP10	<u>Results</u> NRI	Code Case N/A	N/ A Comm	NB ents / Co	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV)
V41.RS7.JP1 <u>Work Order</u> 4547371	.: 0 <u>Exam Method</u> EVT-1	Component ID: RS-7-JP10 Report No. BWRVIP-S08055			N/ A Comm Exam	NB ents / Co	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV) rrective Measures
V41.RS7.JP1 Work Order	Exam Method EVT-1	Component ID: RS-7-JP10 Report No. BWRVIP-S08055			N/ A Comm Exam	NB ents / Co Sat. See /	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV) rrective Measures Areva RE24 IVVI Final Report. Exam coverage 45%.
V41.RS7.JP1 Work Order 4547371 Summary No V41.RS7.JP2	Exam Method EVT-1	Component ID: RS-7-JP10 Report No. BWRVIP-S08055		N/A	N/ A Comm Exam S Class: N/ A	NB ents / Co Sat. See / System; NB	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV) rrective Measures Areva RE24 IVVI Final Report. Exam coverage 45%. Component Description Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking
V41.RS7.JP1 Work Order 4547371 Summary No V41.RS7.JP2	Exam Method EVT-1	Component ID: RS-7-JP10 Report No. BWRVIP-S08055 Component ID: RS-7-JP20	NRI	N/A	N/ A Comm Exam S Class: N/ A	NB ents / Co Sat. See / System; NB ents / Co	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV) rrective Measures Areva RE24 IVVI Final Report. Exam coverage 45%. Component Description Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV)
V41.RS7.JP1 Work Order 4547371 Summary No V41.RS7.JP2	Exam Method EVT-1 Exam Method EVT-1 Exam Method EVT-1	Component ID: RS-7-JP10 Report No. BWRVIP-S08055 Component ID: RS-7-JP20 Report No.	NRI Results NRI	N/A Code Case	N/ A Comm Exam S Class: N/ A	NB ents / Co Sat. See / System; NB ents / Co	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV) rrective Measures Areva RE24 IVVI Final Report. Exam coverage 45%. Component Description Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV)
V41.RS7.JP1 Work Order 4547371 Summary No V41.RS7.JP2	Exam Method EVT-1 Exam Method EVT-1 Exam Method EVT-1	Component ID: RS-7-JP10 Report No. BWRVIP-S08055 Component ID: RS-7-JP20 Report No. BWRVIP-S08121	NRI Results NRI	N/A Code Case	Class: N/ A Comm	NB ents / Co Sat. See / System; NB ents / Co	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV) rrective Measures Areva RE24 IVVI Final Report. Exam coverage 45%. Component Description Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV)

Results Code Case Comments / Corrective Measures

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 35%.

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

4547371

VT-1

BWRVIP-S08085

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

3. Plant Unit: 1					6. National Certificate of Authorization (If Required): N
Summary No.:	Component ID;			Class: System:	· · · · · · · · · · · · · · · · · · ·
/41.RS8.JP9-10 , ³	RS-8-JP9&JP10			N/ NB A	Jet Pump Riser Pipe to Primary Riser Brace Bottom Circ. Weld
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comments / Co	orrective Measures
4547371 EVT-1	BWRVIP-S08038	NRI	N/A	Exam Sat. See	Areva RE24 IVVI Final Report. Exam coverage 30%.
				,	
ltem No.:	V41.RS9 Equa	l: 2			•
Summary No.:	Component ID:			Class: System:	Component Description
/41.RS9.JP19-20	RS-9-JP19&JP20			N/ NB A	Jet Pump Riser Pipe to Primary Riser Brace Top Circ. Weld
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comments / Co	prrective Measures
4547371 EVT-1	BWRVIP-S08130	NRI	N/A	Exam Sat. See	Areva RE24 IVVI Final Report. Exam coverage 40%.
Summary No.:	Component ID:			Class: System:	Component Description
/41.RS9.JP9-10	RS-9-JP9&JP10			N/ NB	Jet Pump Riser Pipe to Primary Riser Brace Top Circ. Weld
				Α	
Work Order Exam Method	Report No.	Results		-	orrective Measures
4547371 EVT-1	BWRVIP-S08039	NRI	N/A	Exam Sat. See	Areva RE24 IVVI Final Report. Exam coverage 30%.
Item No.:	V41.WD1 Equa	1: 7			
Summary No.:	Component ID:			Class: System:	Component Description
/41.WD1.JP10	WD-1-JP10			N/ NB A	Jet Pump Wedge Bearing Surface Area
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	orrective Measures
4547371 VT-1	BWRVIP-S08022	NRI	N/A		Areva RE24 IVVI Final Report. Exam coverage 90%.
Summary No.:	Component ID:			Class: System:	Component Description
/41.WD1.JP11	WD-1-JP11			N/ NB	Jet Pump Wedge Bearing Surface Area
				Α	
Work Order Exam Method	Report No.	Results	Code Case	· ·	prrective Measures
4547371 VT-1	BWRVIP-S08088	NRI	N/A	Exam Sat. See	Areva RE24 IVVI Final Report. Exam coverage 55%.
Summary No.:	Component ID:			Class: System:	Component Description
/41.WD1.JP15	WD-1-JP15			N/ NB	Jet Pump Wedge Bearing Surface Area
				A	
Work Order Exam Method	Report No.	Results	Code Case	Comments / Co	prrective Measures
4547371 VT-1	BWRVIP-S08086	NRI	N/A	Exam Sat. See	Areva RE24 IVVI Final Report. Exam coverage 100%.
Summary No.:	Component ID:			Class: System:	Component Description
V41.WD1.JP16	WD-1-JP16			N/ NB A	Jet Pump Wedge Bearing Surface Area
Work Order Exam Method	Report No.	Results	Code Case		orrective Measures
gran mediou	itoport ito,		2000 0000	<u>Johnnenta / Ot</u>	

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

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

Summary No.: V41.WD1.JP19 Component ID:

WD-1-JP19

Class: System: Component Description

Jet Pump Wedge Bearing Surface Area

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547371

VT-1

BWRVIP-S08089

NRI

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

Summary No.: V41.WD1.JP20 Component ID: WD-1-JP20

Class: System: Component Description

N/

Jet Pump Wedge Bearing Surface Area

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547371 VT-1 **BWRVIP-S08084** NRI N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Jet Pump Wedge Bearing Surface Area

Summary No.: V41.WD1.JP9

Component ID: WD-1-JP9

Class: System: Component Description

N/

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547371 VT-1 BWRVIP-S08023 NRI N/A Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Category: VIP47 Equal: 5 V47.GT2 Equal: 2 Item No.:

Summary No.: V47.CRGT2.10-43 Component ID:

CRGT-2-(10-43)

Class: System: Component Description

N/

Control Rod Drive Gudie Tube Assembly Upper Circ Weld

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4565645

EVT-1

BWRVIP-S08044

N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Summary No.: V47.CRGT2.18-07 Component ID: CRGT-2-(18-07) Class: System: Component Description

N/

Control Rod Drive Gudie Tube Assembly Upper Circ Weld

Work Order Exam Method

Report No.

N/A

Results Code Case Comments / Corrective Measures

4565645 EVT-1

BWRVIP-S08134

NRI

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

item No.:

V47.GT3 Equal: 3

Class: System: Component Description

Summary No.: V47.CRGT3.10-43

Component ID: CRGT-3-(10-43)

Control Rod Drive Gudie Tube Assembly Lower Circ Weld

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4565645

EVT-1

BWRVIP-S08045

NRI

N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

7/22/2008 Page 82 of 82

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

Summary No.: V47.CRGT3.18-07 Component ID:

CRGT-3-(18-07)

N/

Class: System: Component Description

Control Rod Drive Gudie Tube Assembly Lower Circ Weld

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4565645 EVT-1 BWRVIP-S08046

NRI N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Summary No.: V47.CRGT3.18-27

4565645

Component ID: CRGT-3-(18-27)

Class: System: Component Description

N/

Control Rod Drive Guide Tube Assembly Lower Circ Weld

Work Order Exam Method

EVT-1

Report No. BWRVIP-S08104 Results Code Case Comments / Corrective Measures NRI N/A

Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

1. Owner Nebraska P	Public Power District, 1414 15 (Nam	ith Street, Columbus, NE 686 c and Address of Owner)	602										
2. Plant Cooper Nuc													
***************************************	(Name and Address of Plant)												
3. Plant Unit 1	Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A												
. Commercial Service Date 04/01/1974 6. National Board Number for Unit N/A													
7. Components Inspected	i												
Component or Appurtenance	Manufacturer or Installer	Manufacturer or Install Serial No.	er State or Province No.	National Board No.									
Containment	Chicago Bridge and Iron	C-4448	N/A	None									
		· ·											
No		***************************************		·									
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(*) 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 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	rappurpungan se di lilikuwa sensi manangan se angangan sensi manangan sensi sensi sensi sensi sensi sensi sensi
13. Abstract of Examinations and Tests. Include a list of examinations and tests and 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 examinasme Code, Section XI, and c) corrective measures taken conform to the rules of the Certificate of Authorization No. (if applicable) N/A Exp	
Date 7/11/08 Signed Nebraska Public Power District Owner Country	By Vasant N. Bhardwaj
CERTIFICATE OF INSERV	VICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pr	ressure Vessel Inspectors and the State or Province of
Nebraska and employed by Hartford Steam Boiler Inspection	n and Insurance Co. of Connecticut of
	nponents described in this Owner's Report during the period
	best of my knowledge and belief, the Owner has performed
examinations and tests and taken corrective measures described in this Owner's Report in ac Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expre corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor injury or property damage or a loss of any kind arising from or connected with this inspection	essed or implied, concerning the examinations, tests, and his employer shall be liable in any manner for any personal
MSaltman Commissions NE Inspector's Signature Date July 23, 2008	National Board, State, Province, and Endorsements

(*) SEE "ATTACHMENT 1" FOR APPLICABLE INFORMATION

VT-3

VT-S08-046

Accept

4547367

Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 5. Owner Certificate of Authorization (If Required): N/A

4. Commercial Service Date: 04/01/1974

- Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98

,	dress: Cooper NE 68321-0098	Nuclear Station,	72626 648	8A Avenue,	PO Bo	x 98,	5. Owner Certificate of Authorization (If Required): N/A
3. Plant Unit		,					6. National Certificate of Authorization (If Required): N/A
Exam	Credit: Sec.XI	Equal: 94					
C	ategory: E-	A Equal: 38					
		E1.11 Equ	al: 2				
Summary No	<u></u>	Component ID;			Class:	System:	Component Description
E1.11.0001		DW .			MC	PC	Drywell Containment Liner Accessible Surfaces
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547368	VT-G	VT-S08-091	Accept	N-598			e per Period General Visual examination of the Drywell liner accessible nce AREVA RE24 ISI Outage Report.
Summary No	D.;	Component ID:			<u>Class;</u>	System:	Component Description
E1.11.0002		SP			MC	PC	Suppression Chamber Containment Liner Accessible Surfaces
Work Order	Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547368	VT-G	VT-S08-089	Accept	N-598			per Period General Visual examination of the Suppression Pool accessible nce AREVA RE24 ISI Outage Report.
4547368	VT-G	VT-S08-043	Accept				
	item No.:	E1.12 Equ	al: 12				
Summary No E1.12.0052	<u>).:</u>	Component ID; B11-INT			<u>Class:</u> MC	System: PC	Component Description Bay 11, Interior
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547367	VT-3	VT-S08-044	Accept	N-598, N- 601	Exam	Sat. Refe	rence AREVA RE24 ISI Outage Report.
Summary No	<u></u>	Component ID;		····	Class:	System:	Component Description
E1.12.0053		B11-RG-ATT			MC	PC	Bay 11, Ring Girder Attachment Welds
Work Order	Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547367	VT-3	VT-S08-047	Accept	N-598, N- 601	Exam	Sat. Refe	rence AREVA RE24 ISI Outage Report.
Summary No	D.:	Component ID:					Component Description
E1.12.0057		B12-INT			MC	PC	Bay 12, Interior
<u>Work Order</u> 4547367	Exam Method VT-3	Report No. VT-S08-045	Results Accept	<u>Code Case</u> N-598, N- 601			rrective Measures rence AREVA RE24 ISI Outage Report.
Summary No). <u>:</u>	Component ID:					Component Description
E1.12.0058		B12-RG-ATT			MC	PC	Bay 12, Ring Girder Attachment Welds
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comp	nents / Co	rrective Measures

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report. 601

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

Summary No.:

4547367

Work Order Exam Method

VT-3

E1.12.0077

Component ID:

Report No.

VT-S08-060

B16-INT

Brownville, NE 68321-0098

3. Plant Unit: 1

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

4. Commercial Service Date: 04/01/1974

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

3. Plant Unit:	1					National Certificate of Authorization (If Required): National Certificate of Aut
<u>Summary No.;</u> E1.12.0062	į.	Component ID: B13-INT			Class: System: MC PC	Component Description Bay 13, Interior
Work Order E	Exam Method	Report No.	Results	Code Case	Comments / Co	rrective Measures
4547367	VT-3	VT-S08-048	Accept	N-598, N- 601		rence AREVA RE24 ISI Outage Report.
Summary No.:		Component ID: B13-RG-ATT			Class: System:	Component Description
E1.12.0063					MC PC	Bay 13, Ring Girder Attachment Welds
<u>Work Order</u> <u>5</u> 4547367	VT-3	<u>Report No.</u> VT-S08-049	Results Accept	<u>Code Case</u> N-598, N- 601		r <u>rrective Measures</u> rence AREVA RE24 ISI Outage Report.
Summary No.: E1.12.0067		Component ID:			Class: System:	Component Description Bay 14, Interior
Work Order	∓xam Method	Report No.	Results	Code Case		prective Measures
4547367	VT-3	VT-S08-050	Accept	N-598, N- 601		rence AREVA RE24 ISI Outage Report.
Summary No.: E1.12.0068	 [Component ID: B14-RG-ATT			Class: System:	Component Description Bay 14, Ring Girder Attachment Welds
	30 - 41 4		B #-	0.4.0		
<u>Work Order</u> <u>8</u> 4547367	VT-3	<u>Report No.</u> VT-S08-063	Results Accept	<u>Code Case</u> N-598, N- 601		rrective Measures rence AREVA RE24 ISI Outage Report.
Summary No.:		Component ID:			Class: System:	Component Description
E1.12.0072		B15-INT			MC PC	Bay 15, Interior
<u>Work Order</u> <u>E</u> 4547367	Exam Method VT-3	<u>Report No.</u> VT-S08-062	Results Accept	Code Case N-598, N- 601		<u>rrective Measures</u> rence AREVA RE24 ISI Outage Report.
Summary No.:	<u> </u>	Component ID:		•	Class: System:	Component Description
E1.12.0073		B15-RG-ATT			MC PC	Bay 15, Ring Girder Attachment Welds
Work Order E		Report No.	<u>Results</u>			rrective Measures
4547367	VT-3	VT-S08-061	Accept	N-598, N-	Evam Sat Refe	rence AREVA RE24 ISI Outage Report.

Class: System: Component Description

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report.

Results Code Case Comments / Corrective Measures

601

Bay 16, Interior

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

Commercial Service Date: 04/01/1974 5. Owner Certificate of Authorization (If Required): N/A

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

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

3. Plant Unit: 1

Class: System: Component Description

Summary No .: Component ID: B16-RG-ATT Bay 16, Ring Girder Attachment Welds E1.12.0078 PC MC

601

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547367 VT-S08-059 N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report. Accept

Item No.: E1.20 Equal: 24

Summary No.: Class: System: Component Description Component ID:

B11-DWN E1.20.0041 MC PC Bay 11, Downcomers (six downcomers)

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-3 VT-S08-058 Accept N-598, C- Exam Sat. Reference AREVA RE24 ISI Outage Report. 601

Summary No.: Component ID: Class: System: Component Description

B11-DWN-ATT E1.20.0042 PC Bay 11, Downcomer Attachment Welds

Work Order Exam Method Results Code Case Comments / Corrective Measures Report No.

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report. 4547367 VT-3 VT-S08-057 Accept 601

Summary No.: Component ID: Class: System: Component Description

E1.20.0043 B11-VH PC Bay 11, Vent Header Assembly MC

Work Order Exam Method Report No. Code Case Comments / Corrective Measures Results

4547367 VT-3 VT-S08-056 Accept N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report. 601

Summary No.: Component ID: Class: System: Component Description

E1.20.0044 B11-VH-ATT Bay 11, Vent Header Support Attachment Welds MC PC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-3 VT-S08-055 N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report. Accept 601

Summary No.: Component ID: Class: System: Component Description

E1.20.0045 B12-DWN Bay 12, Downcomers (four downcomers)

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-S08-054 N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report. VT-3 Accept 601

Summary No.; Component ID: Class: System: Component Description

B12-DWN-ATT E1.20.0046 PC Bay 12, Downcomer Attachment Welds

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-3 VT-S08-053 Accept N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report. 601

7/11/2008 Page 4 of 14

Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE

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

Summary No.: E1.20.0047

Component ID: B12-VH

Class: System: Component Description PC MC

Bay 12 off X-5F Vent Line, Vent Header Intersection, Including Header-

Intersection Drain Line and Vacuum Breakers

Work Order Exam Method

VT-3

Report No. VT-S08-052

Accept

Results Code Case Comments / Corrective Measures

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report.

Summary No .: E1.20.0048

4547367

Component ID: B12-VH-ATT

Component Description Class: System:

MC PC Bay 12, Vent Header intersection Support Attachment Welds

Work Order Exam Method Report No. Code Case Comments / Corrective Measures

4547367 VT-3

VT-S08-051

601

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report.

Summary No.: E1.20.0049

Component ID:

MC

Class: System: Component Description Bay 13, Downcomers (six downcomers)

B13-DWN

Work Order Exam Method Report No.

Code Case Comments / Corrective Measures

PC

PC

4547367 VT-3 VT-S08-079

Accept

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report.

601

Summary No .: Component ID: Class: System: Component Description

B13-DWN-ATT E1.20.0050

MC

Bay 13, Downcomer Attachment Welds

Work Order Exam Method

Report No.

Results Code Case Comments / Corrective Measures

4547367 VT-3

VT-S08-078

Accept

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report.

601

Summary No.:

Component ID:

Class: System: Component Description

E1.20.0051

B13-VH

MC

Bay 13, Vent Header Assembly

Work Order Exam Method 4547367

VT-3

Report No.

Results Code Case Comments / Corrective Measures

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report.

Summary No .:

E1.20.0053

4547367

VT-S08-077

Accept

601

Summary No.: Component ID: Class: System: Component Description

E1,20,0052

B13-VH-ATT

MC PC

Bay 13, Vent Header Support Attachment Welds

Bay 14, Downcomers (four downcomers)

Work Order Exam Method

Report No.

Results

Code Case Comments / Corrective Measures

VT-3

4547367

VT-S08-076

Accept

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report.

Component ID: B14-DWN

Class: System: Component Description

Work Order Exam Method

Report No. VT-3 VT-S08-075

Accept

N-598, N-

601

Results Code Case Comments / Corrective Measures Exam Sat. Reference AREVA RE24 ISI Outage Report.

601

- 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

4547367

VT-3

VT-S08-068

Accept

601

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

3. Plant Unit: 1						6. National Certificate of Authorization (If Required): No
Summary No.:	Component ID:			Class:	System:	Component Description
E1.20.0054	B14-DWN-ATT			MC	PC	Bay 14, Downcomer Attachment Welds
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547367 VT-3	VT-S08-074	Accept	N-598, N- 601	Exam	Sat. Refe	rence AREVA RE24 ISI Outage Report.
Summary No.:	Component ID:			Class:	System:	Component Description
E1.20.0055	B14-VH			MC	PC	Bay 14 off X-5G Vent Line, Vent Header-Intersection Assembley, Including Header-Intersection Drain Line
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comn	nents / Co	rrective Measures
4547367 VT-3	VT-S08-073	Accept	N-598, N- 601	Exam	Sat. Refe	rence AREVA RE24 ISI Outage Report.
Summary No.:	Component ID:			Class:	System:	Component Description
E1.20.0056	B14-VH-ATT			MC	PC	Bay 14, Vent Header Intersection Support Attachment Welds
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547367 VT-3	VT-S08-072	Accept	N-a598, N- 601	Exam	Sat. Refe	rence AREVA RE24 ISI Outage Report.
Súmmary No.:	Component ID:		··		System:	Component Description
E1.20.0057	B15-DWN			MC	PC	Bay 15, Downcomers (six downcomers)
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comn	nents / Co	rrective Measures
4547367 VT-3	VT-S08-071	Accept	N-598, N- 601	Exam	Sat. Refe	rence AREVA RE24 ISI Outage Report.
Summary No.:	Component ID: B15-DWN-ATT				System:	Component Description
E1.20.0058	B 15-DWN-ATT			МС	PC	Bay 15, Downcomer Attachment Welds
Work Order Exam Method	Report No.	Results		Comp	nents / Co	rrective Measures
4547367 VT-3	VT-S08-070	Accept	N-598, N- 601	Exam	Sat. Refe	rence AREVA RE24 ISI Outage Report.
Summary No.: E1.20.0059	Component ID:	<u></u>	··· , ,	Class:	System:	Component Description Pay 15 Vest Header Assembly
				MC	PC	Bay 15, Vent Header Assembly
Work Order Exam Method	Report No.	Results				rrective Measures
4547367 VT-3	VT-S08-069	Accept	N-598, N- 601	Exam	Sat. Refe	rence AREVA RE24 ISI Outage Report.
Summary No.:	Component ID:				System:	Component Description Pay 15 Vent Header Support Attachment Worlds
E1.20.0060				MC	PC	Bay 15, Vent Header sSupport Attachment Welds
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures

N-598, N- Exam Sat. Reference AREVA RE24 ISI Outage Report.

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Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE

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

Component ID:

4. Commercial Service Date: 04/01/1974

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

3. Plant Unit: 1

Summary No.:

Summary No.:

4547365

VT-1

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

<u>Summary No</u> E1.20.0061	<u>.:</u>	Component ID: B16-DWN			Class: MC	System: PC	Component Description Bay 16, Downcomers (four downcomers)
Work Order	Exam Method	Report No.	Results	Code Case	Comm	ents / Co	prective Measures
4547367	VT-3	VT-S08-067	Accept	N-598, N- 601	Exam 9	Sat. Refe	erence AREVA RE24 ISI Outage Report.

Class: System: Component Description

E1.20.0062		B16-DWN-ATT			MC	PC	Bay 16, Downcomer Attachment Welds
Work Order Ex	am Method	Report No.	Results	Code Case	Comme	nts / Co	rrective Measures
4547367	VT-3	VT-S08-066	Accept	N-598, N- 601	Exam Sa	at. Refe	rence AREVA RE24 ISI Outage Report.

Summary No.:	Component ID:	Class:	System:	Component Description
E1.20.0063	B16-VH	МС	PC	Bay 16 off X-5H Vent Line, Vent Header-Intersection Asssembley, Including Header-Intersection Drain Line and Vacuum Breakers

Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comments / Corrective Measures
4547367	VT-3	VT-S08-065	Accept	N-598, N- 601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

Summary No.:	Component ID:			Class:	System:	Component Description
E1.20.0064	B16-VH-ATT			MC	PC	Bay 16, Vent Header-Intersection Assembley Support Attachment Welds
Work Order Exam Me	thod Report No.	Results	Code Case	Comm	ents / Co	rrective Measures
4547367 VT-3	VT-S08-064	Accept	N-598, N- 601	Exam S	Sat. Refe	rence AREVA RE24 ISI Outage Report.

	Category:	E-C	Equal:	48	
!	Item No.:	E4		Equal:	: 48

Component ID:

VE-S08-027

Accept

N-598

Summary No.:	Component ID:			Class:	<u>System:</u>	Component Description
E4.11.0028	B10-DWN-ID-SS			MC	PC	Bay 10, Downcomer Submerged Section Interior Surface
	5 (1)	B 14 .	0.4.0.	_		
Work Order Exam Method	Report No.	<u>Results</u>	Code Case	Comme	ents / Co	rrective Measures
4547365 VT-1	VE-S08-025	Accept	N-598	Exam S	at. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
		*				

E4.11.0029		B10-DWN-OD-SS			MC I	C	Bay 10, Downcomer Submerged Section Exterior Surface Including Attachment Welds
Work Order	Exam Method	Report No.	<u>Results</u>	Code Case	Comment	s / Co	rrective Measures
4547365	VT-1	VE-S08-026	Accept	N-598	Exam Sat.	Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.

Class: System: Component Description

Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Summary No.:	Component ID:		Class	: System:	Component Description
E4.11.0030	B10-INT-SS		МС	PC	Bay 10, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder
Work Order Exam Method	Report No	Results	Code Case Con	ments / Co	rrective Measures

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

4. Commercial Service Date: 04/01/1974

Brownville, NE 68321-009 3. Plant Unit: 1	В					6. National Certificate of Authorization (If Required): N/A
Summary No.:	Component ID:			Class;	System:	Component Description
E4.11.0031	B11-DWN-ID-SS			MC	PC	Bay 11, Downcomer Submerged Section Interior Surface
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547365 VT-1	VE-S08-028	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.:	Component ID:		~	Class:	System:	Component Description
E4.11.0032	B11-DWN-OD-SS			МС	PC	Bay 11, Downcomer Submerged Section Exterior Surface Including Attachment Welds
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	rrective Measures
4547365 VT-1	VE-S08-029	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.:	Component ID:			Class:	System:	Component Description
E4.11.0033	B11-INT-SS			МС	PC	Bay 11, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder
Work Order Exam Method	Report No.	Results	Code Case	Comm	nents / Co	<u>rrective Measures</u>
4547365 VT-1	VE-S08-030	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.:	Component ID:			Class:	System:	Component Description
E4.11.0034	B12-DWN-ID-SS			MC	PC	Bay 12, Downcomer Submerged Section Interior Surface
Work Order Exam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547365 VT-1	VE-S08-031	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.:	Component ID:			Class:	System:	Component Description
E4.11.0035	B12-DWN-OD-SS			МС	PC	Bay 12, Downcomer Submerged Section Exterior Surface Including Attachment Welds
Work Order Exam Method	Report No.	Results		Comr	nents / Co	rrective Measures
4547365 VT-1	VE-S08-032	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.:	Component ID:				System:	Component Description
E4.11.0036	B12-INT-SS			МС	PC	Bay 12, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder
Work Order Exam Method	Report No.	Results	Code Case	Comn	nents / Co	rrective Measures
4547365 VT-1	VE-S08-105	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.:	Component ID:					Component Description
E4.11.0037	B13-DWN-ID-SS			MC	PC	Bay 13, Downcomer Submerged Section Interior Surface

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Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE

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

4547365

VT-1

VF-S08-038

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N-598

4. Commercial Service Date: 04/01/1974

Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

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

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

3. Plant Unit: 1 Component ID: Summary No.: Class: System: Component Description B13-DWN-OD-SS Bay 13. Downcomer Submerged Section Exterior Surface Including E4.11.0038 MC PC Attachment Welds Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures VT-1 VE-S08-034 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. 4547365 Accept N-598 Component ID: Class: System: Component Description Summary No.: R13-INT-SS E4.11.0039 PC Bay 13, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder Work Order Exam Method Report No. Code Case Comments / Corrective Measures Results 4547365 VT-1 VE-S08-106 Accept N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Summary No.: Component ID: Class: System: Component Description B14-DWN-ID-SS E4.11.0040 MC Bay 14, Downcomer Submerged Section Interior Surface Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures VT-1 VE-S08-035 4547365 Accept Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Summary No.: Component ID: Class: System: Component Description B14-DWN-OD-SS Bay 14, Downcomer Submerged Section Exterior Surface Including PC E4.11.0041 MC Attachment Welds Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures VT-1 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. 4547365 VE-S08-036 N-598 Accept Summary No.: Component ID: Class: System: Component Description E4.11.0042 B14-INT-SS Bay 14, Submerged Section, Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547365 VT-1 VF-S08-107 Accept N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Component ID: Class: System: Component Description Summary No.: B15-DWN-ID-SS E4.11.0043 PC Bay 15, Downcomer Submerged Section Interior Surface MC Report No. Work Order Exam Method Results Code Case Comments / Corrective Measures 4547365 VT-1 VE-S08-037 N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept Summary No.: Component ID: Class: System: Component Description B15-DWN-OD-SS E4.11.0044 MC Bay 15, Downcomer Submerged Section Exterior Surface Including Attachment Welds Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

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Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE

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

Summary No.: Component ID: Class: System: Component Description B15-INT-SS E4.11.0045 MC

Bay 15, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

VT-1 VE-S08-108 4547365 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.

Summary No.: Component ID: Class: System: Component Description

E4.11.0046 B16-DWN-ID-SS MC PC Bay 16, Downcomer Submerged Section Interior Surface

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-039 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept N-598

Summary No.: Component ID: Class: System: Component Description

B16-DWN-OD-SS E4.11.0047 Bay 16, Downcomer Submerged Section Exterior Surface Including MC Attachment Welds

Work Order Exam Method Results Code Case Comments / Corrective Measures Report No.

4547365 VT-1 VE-S08-040 N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept

Summary No.: Component ID: Class: System: Component Description

B16-INT-SS E4.11.0048 PC Bay 16, Submerged Section, Fabricated From Five (5) Plates, Including MC

Attachment Welds and Ring Girder

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-109 Accept Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Summary No.: Component ID: Class: System: Component Description

B1-DWN-ID-SS Bay 1, Downcomer Submerged Section Interior Surface E4.11.0001 MC PC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VF-S08-002 Accept N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Summary No.: Component ID: Class: System: Component Description

E4.11.0002 B1-DWN-OD-SS Bay 1, Downcomer Submerged Section Exterior Surface Including MC PC Attachment Welds

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-003 Exam Sat. Referenc UCC's Final Report for Reactor Torus Underwater Inspections. Accept

Summary No.: Component ID: Class: System: Component Description

E4.11.0003 **B1-INT-SS** Bay 1, Submerged Section, Fabricated From Five (5) Plates, Including MC PC

Attachment Welds and Ring Girder

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547365 VT-1 VE-S08-101 Accept N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

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

4. Commercial Service Date: 04/01/1974

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

3. Plant Unit: 1 6. National Certificate of Authorization (If Required): N/A

Summary No.: Component ID: Class: System: Component Description **B2-DWN-ID-SS** E4.11.0004 PC Bay 2, Downcomer Submerged Section Interior Surface MC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-004 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept

Summary No.: Component ID: Class: System: Component Description

B2-DWN-OD-SS E4.11.0005 MC PC Bay 2, Downcomer Submerged Section Exterior Surface Including

Attachment Welds

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

VE-S08-005 4547365 VT-1 Accept N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Summary No .: Component ID: Class: System: Component Description

B2-INT-SS Bay 2, Submerged Section , Fabricated From Five (5) Plates, Including E4.11.0006 MC

Attachment Welds and Ring Girder

Work Order Exam Method Report No. <u>Results</u> Code Case Comments / Corrective Measures

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.

Summary No .: Component ID: Class: System: Component Description

E4.11.0007 **B3-DWN-ID-SS** Bay 3, Downcomer Submerged Section Interior Surface MC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-006 N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept

Summary No.: Component ID: Class: System: Component Description

B3-DWN-OD-SS Bay 3, Downcomer Submerged Section Exterior Surface Including E4.11.0008 MC PC

Attachment Welds

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-007 Accept Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Component ID: Summary No.: Class: System: Component Description

B3-INT-SS E4.11.0009 PC Bay 3, Submerged Section, Fabricated From Five (5) Plates, Including

Attachment Welds and Ring Girder

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

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

Summary No .: Component ID: Class: System: Component Description

B4-DWN-ID-SS E4.11.0010 Bay 4, Downcomer Submerged Section Interior Surface

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-008 Accept Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. 7/11/2008 Page 11 of 14

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,

4547365

VT-1

VE-S08-014

Accept

N-598

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

4. Commercial Service Date: 04/01/1974

Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Brownville, NE 3. Plant Unit: 1		3					6. National Certificate of Authorization (If Required): N/A
<u>Summary No.:</u> E4.11.0011		Component ID: B4-DWN-OD-SS		,	Class: MC	System: PC	Component Description Bay 4, Downcomer Submerged Section Exterior Surface Including Attachment Welds
Work Order Ex	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547365	VT-1	VE-S08-009	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.: E4.11.0012		Component ID: B4-INT-SS			Class: MC	System: PC	Bay 4, Submerged Section , Fabricated From Five (5) Plates, Including
							Attachment Welds and Ring Girder
Work Order E:	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547365	VT-1	VE-S08-104	Accept	N-598	Refer		rence UCC's Final Report for Reactor Torus Underwater Inspections. 008-2770 for recordable pits. Pitting was evaluated as acceptable for e.
Summary No.:		Component ID:			Class:	System:	Component Description
E4.11.0013		B5-DWN-ID-SS			MC	PC	Bay 5, Downcomer Submerged Section Interior Surface
Work Order E:	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547365	VT-1	VE-S08-010	Accept	N-598			rence UCC's Final Report for Reactor Torus Underwater Inspections.
	-						
Summary No.;		Component ID;			Class:	System:	Component Description
E4.11.0014		B5-DWN-OD-SS			МС	PC	Bay 5, Downcomer Submerged Section Exterior Surface Including Attachment Welds
Work Order E	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547365	VT-1	VE-S08-011	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.;		Component ID:			Class:	System:	Component Description
E4.11.0015		B5-INT-SS			МС	PC	Bay 5, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder
Work Order E	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547365	VT-1	VE-S08-012	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.:		Component ID:			Class:	System:	Component Description
E4.11.0016		B6-DWN-ID-SS			мс	PC	Bay 6, Downcomer Submerged Section Interior Surface
Work Order E	xam Method	Report No.	Results	Code Case	Comr	nents / Co	rrective Measures
4547365	VT-1	VE-S08-013	Accept	N-598	Exam	Sat. Refe	rence UCC's Final Report for Reactor Torus Underwater Inspections.
Summary No.:		Component ID:				System:	
E4.11.0017		B6-DWN-OD-SS			мс	PC	Bay 6, Downcomer Submerged Section Exterior Surface Including Attachment Welds
Work Order E	xam Method	Report No.	<u>Results</u>	Code Case	Comr	nents / Co	rrective Measures

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Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE

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

Work Order Exam Method

4547365

VT-1

Report No.

VE-S08-021

Accept

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

Bay 8, Submerged Section, Fabricated From Five (5) Plates, Including

Attachment Welds and Ring Girder

Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Summary No.: Component ID: Class: System: Component Description **B6-INT-SS** PC Bay 6, Submerged Section, Fabricated From Five (5) Plates, Including E4.11.0018 MC Attachment Welds and Ring Girder Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547365 VT-1 VE-S08-015 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept N/A Summary No.: Component ID: Class: System: Component Description B7-DWN-ID-SS E4.11.0019 MC PC Bay 7, Downcomer Submerged Section Interior Surface Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547365 VT-1 VE-S08-016 Accept N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Summary No.: Component ID: Class: System: Component Description **B7-DWN-OD-SS** Bay 7, Downcomer Submerged Section Exterior Surface Including E4.11.0020 МС Attachment Welds Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547365 VT-1 VE-S08-017 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept N-598 Summary No.: Component ID: Class: System: Component Description E4.11.0021 **B7-INT-SS** Bay 7, Submerged Section , Fabricated From Five (5) Plates, Including PC MC Attachment Weldsand Ring Girder Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547365 VT-1 VE-S08-018 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. N-598 Accept Summary No .: Component ID: Class: System: Component Description B8-DWN-ID-SS E4.11.0022 MC PC Bay 8, Downcomer Submerged Section Interior Surface Work Order Exam Method Results Code Case Comments / Corrective Measures Report No. 4547365 VT-1 VE-S08-019 N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept Summary No.: Component ID: Class: System: Component Description B8-DWN-OD-SS E4.11.0023 Bay 8, Downcomer Submerged Section Exterior Surface Including MC PC Attachment Welds Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures 4547365 VT-1 VE-S08-020 N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept Summary No.: Component ID: Class: System: Component Description **B8-INT-SS** E4.11.0024

MC

N-598

Results Code Case Comments / Corrective Measures

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Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE

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

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

Summary No.: Component ID: Class: System: Component Description B9-DWN-ID-SS E4.11.0025

Bay 9, Downcomer Submerged Section Interior Surface MC PC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-022 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Accept

Component ID: Summary No.: Class: System: Component Description

E4.11.0026 **B9-DWN-OD-SS** PC Bay 9, Downcomer Submerged Section Exterior Surface Including

Attachment Welds

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-023 Accept N-598 Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Component ID: Summary No .: Class: System: Component Description

B9-INT-SS Bay 9, Submerged Section, Fabricated From Five (5) Plates, Including E4.11.0027 PC MC

Attachment Welds and Ring Girder

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547365 VT-1 VE-S08-024 Accept Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Category: Equal: 8 ·-----E8.10 Equal: 8 Item No.:

Summary No.: Component ID: Class: System: Component Description

SIP-1-BLT E8.10.0002 Stabilizer Assembly Bolting MC PC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-1 VT-S08-081 N-598 Exam Sat. Referencee AREVA RE24 Manual ISI Outage Report. Accept

Summary No .: Component ID: Class: System: Component Description E8.10.0003 SIP-2-BLT Stabilizer Assembly Bolting MC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-S08-082 Accept N-598 Exam Sat. Referencee AREVA RE24 Manual ISI Outage Report.

Summary No.: Component ID: Class: System: Component Description F8 10 0004 SIP-3-BLT PC Stabilizer Assembly Bolting

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

VT-1 Exam Sat. Referencee AREVA RE24 Manual ISI Outage Report. 4547367 VT-S08-083 Accept N-598

Summary No .: Component ID: Class: System: Component Description E8.10.0005 SIP-4-BLT Stabilizer Assembly Bolting MC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

Exam Sat. Referencee AREVA RE24 Manual ISI Outage Report. 4547367 VT-1 VT-S08-084 Accept N-598

7/11/2008 Page 14 of 14

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

4. Commercial Service Date: 04/01/1974

3. Plant Unit: 1

Summary No.: Component ID: Class: System: Component Description SIP-5-BLT E8.10.0006 Stabilizer Assembly Bolting MC PC

Report No. Work Order Exam Method Results Code Case Comments / Corrective Measures

4547367 VT-1 VT-S08-085 Exam Sat. Referencee AREVA RE24 Manual ISI Outage Report. Accept N-598

Summary No.: Component ID: Class: System: Component Description SIP-6-BLT E8.10.0007 PC Stabilizer Assembly Bolting

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-1 VT-S08-086 Accept N-598 Exam Sat. Referencee AREVA RE24 Manual ISI Outage Report.

Summary No.: Component ID: Class: System: Component Description E8.10.0008 SIP-7-BLT Stabilizer Assembly Bolting MC PC

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-1 VT-S08-087 N-598 Exam Sat. See AREVA RE24 Manual ISI Outage Report. Accept

Summary No.: Component ID: Class: System: Component Description SIP-8-BLT E8.10.0009 Stabilizer Assembly Bolting

Work Order Exam Method Report No. Results Code Case Comments / Corrective Measures

4547367 VT-1 VT-S08-088 N-598 Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Accept

MC

PC.

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 <u>1</u> of <u>3</u>
2.Plant:	Cooper Nuclear Station P.O. Box 98 Brownville, Nebraska 68321	Unit One N/A
	Diowittine, inculaska 06321	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 s	hown in the Attached Table
5.	(a) Applicable Construction Code As s	shown in the Attached Table
	(b) Applicable Edition of Section XI Utilized for Re 2001 Ed	pairs or Replacements: lition 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: :	
	We certify that the statements made in this report at ASME Code, Section XI. Type Code Symbol Stamp	Expiration Date 1/31/08
	Owner or Owner's Designee, Title	, .
of Neb inspect the bes Report examinates be liab	andersigned, holding a valid commission issued by the raska and Employed by Hartford Steam Boiler Inspect ted the components described in this Owner's Report at of my knowledge and belief, the Owner has perform in accordance with the requirements of the ASME C By signing this certificate neither the Inspector nor nations and corrective measures described in this Owner has manner for any personal injury or property day.	F INSERVICE INSPECTION e National Board of Boiler and Pressure Vessel Inspectors and the State ion and Insurance Company of Connecticut of Hartford, Connecticut have during the period November 22, 2006 to May 18, 2008, and state that to ed examinations and taken corrective measures described in this Owner's Code, Section XI. his employer makes any warranty, expressed or implied, concerning the ners's Report. Furthermore, neither the Inspector nor his employer shall image or a loss of any kind arising from or connected with this inspection. Commissions WBIO47 A, W, F, C, WS 10094WE National Board, State, Province, and Endorsements

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	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-Pipc	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/Λ	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	Ν/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

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	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 Dischharge 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

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 1	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	Λ3975	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	l	BASIC/PSA	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4444292	07-031	RHR	RII-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	M\$-\$21	841	l	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-\$41	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 VAIVES	N/A	Replaced Valve	B31.1 - 1967	1967	Replaced	N/A	System Leakage
4542333	07-039	sw	\$W-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

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 (ntl.	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-\$41	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
					Π	·							
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

As required by the Provisions of the ASME Code Section XI Nebraska Public Power District

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Cooper Nuclear Station Unit 1, P.O. Box 98, Brownville, Nebraska 68321

wo R/R **SYST** Mfgr. C Name of Name of Nat'l Description of Applicable Year Repaired ASME Pressure Tests RECORD Component Serial Manufacturer Board Work Constr. Code Built Conducted, Code Replaced No No. Stamp **Code Cases** 4631941 08-007 RWCU RWCU-CV-NPPD N/A B31.7 - 1969 N/A Repaired Valve 1969 Repaired N/A Hydrotest 15CV

ATTACHMENT 3 LIST OF REGULATORY COMMITMENTS®

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

PROCEDURE 0.42 REVISION 22 PAGE 18 OF 25