1.	Owner Exelon Nuclear	Date 03/03/04
	Name 4300 Winfield Rd. Warrenville, II. 60555	Sheet <u>1</u> of <u>1</u>
2.	Address Plant Byron Nuclear Power Station	Unit <u>01</u>
	Name 4450 N. German Church Road, Byron, Il.	Work Order No. 99279919-06
3.	Address Work Performed by <u>Byron Mechanical Maintenance</u> Name	Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable
	4450 N. German Church Road, Byron, Il.	Expiration Date Not Applicable
4.	Address Identification of System [MS] MAIN STEAM	
5.	(a) Applicable Construction Code Section III 19_74	4 Edition, S/74 Addenda, N/A Code Case
	(b) Applicable Edition of Section XI Utilized for Repairs	or Replacement Components 19 89
	(c) Applicable ASME Section XI Code Cases: <u>None</u>	
6.	Identification of Components Repaired or Replaced and R	eplacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
PLUG	ANCHOR DARLING	S/N: 2 HT: J6016	N/A	ETN;1MS018D VLV S/N: 70-117594	1995	REPLACED	YES
PLUG	FLOW SERVE	S/N: Q0092-50-2	N/A	ETN;1MS018D CAT ID# 29378	2003	REPLACEMENT	YES
						:	
							·

## 7. Description of Work REPLACEMENT OF VALVE PLUG - 1MS018D

8.	Test Conducted:	Hydrostatic	Pneumatic [	🗌 Nomi	nal Operating Pressure	
	N/A	Other	Pressure	ps	Test Temp.	°F

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

This form has been electronically generated.

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<u></u>				<u></u>			
<u></u>							
**************************************		OFDTIE					
We certify that	t the statements ma		CATE OF CON are correct and the		NT conform	ms to the	rules of the
Code, Section		•		repair or replacement			
Type Code Sy	mbol Stamp N	ot Applicable					
Certificate of A	Authorization No.	Not Applicable	)	Expiration	Date Not A	Applicab	le
Signed	DS Not overed or o	RRR COON	d		Date 7/5	24	,20 <b>04</b>
L the undersign	ed, holding a vali			E INSPECTION nal Board of Boil		re Vessel	Inspectors :
State or Provin	ce of Illinois			and employed	by HSB C	<b>C.</b>	
of Hartford, C during the period		lost .	have in to	spected the compo			s Owner's R it to the best
knowledge and	belief, the Owner	has performed e		taken corrective n	neasures desc	ribed in t	the Owner's
	with the requirement						
By signing this	certificate neither	the Inspector no	r his employer m	akes any warranty	, expressed o	r implied	. concerning
examinations an	nd corrective meas	ures described ir	this Owner's Re	port. Furthermor	e, neither the	Inspecto	r nor his em
	n any manner-for a	ny personal inju	ry or property da	mage or a loss of	any kind arisi	ng from	or connected
this inspection	MALIALA		Commissior	s 126-	1254		
	Inspector's Signature			National Bos	rd, State Province, and En	dorsements	
Date Quila	16 .20 D	11			1		
		-7					

1.	Owne	er <u>Exelon Nu</u>			Date 03/12/05			
	<u>4300</u>	Winfield Rd.	Name Warrenville, II. 60555		Sheet 1 of	1		
2.	Plant	Byron Nucle	Address ear Power Station		Unit <u>01</u>			· · · · · · · · · · · · · · · · · · ·
	4450	N. German Ch	<sub>Name</sub> nurch Road, Byron, II	•	Work Order No. 00	443700	-01	
3.	Work	Performed by_	Address NPS&WVenture Name	Ту	<sub>Repa</sub> ype Code Symbol Sta Authorization No. <b>N</b>	amp No		., etc.
	555 S	. Joliet Rd., B	olingbrook, IL 60440		Expiration Date N			
4.	Identi	fication of Syst	em [RC/IT] Reactor C	Coolant / II	ncore Thermocouple			
5. 6.	(b) A (c) A	pplicable Editio	truction Cod <u>e</u> Section Section on of Section XI Utilized E Section XI Code Cas ponents Repaired or R	n III 1989 d for Repa es: <u>No</u>	Edition, No Addend irs or Replacement ( ne	a, No Ĉ Compon	ode Cases (Rep ents 19 89	Code Ca Diacement)
	ne of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Seal Hou	using	Westinghouse	S/N: 5390G	N/A	ETN; 1RC01R	1987	REPLACED	YES
Seal Hou	using	Westinghouse	S/N: 5403G	N/A	ETN; 1RC01R	1987	REPLACED	YES
	ising	Westinghouse	S/N:		ETN; 1RC01R		a strange state and a	
Seal Hou	Jonig	, recounding	5395G	N/A		1987	REPLACED	YES
		Westinghouse	5395G S/N: 5397G	N/A N/A	ETN; 1RC01R	1987 1987	REPLACED	YES
eal Hou	ising		S/N:	1			na ann an Aonaichtean an Aonaichtean An Aonaichtean an Aonaichtean an Aonaichtean an Aonaichtean an Aonaichtean an Aonaichtean Aonaichtean Aonaichtean	
ieal Hou ieal Hou ieal Hou	using using using	Westinghouse	S/N: 5397G S/N:	N/A	ETN; 1RC01R	1987	REPLACED	YES
eal Hou eal Hou eal Hou ssembly eal Hou	ising ising ising y ising	Westinghouse Westinghouse Westinghouse	S/N: 5397G S/N: 5392G HSG S/N;B1203006 NUT S/N:B1203006	N/A N/A	ETN; 1RC01R ETN; 1RC01R Catl Id # 1394301 TC#1 CET PORT#74	1987 1987 2004 2004	REPLACED	YES YES
eal Hou eal Hou eal Hou ssembly eal Hou ssembly eal Hous	using using using y using y sing	Westinghouse Westinghouse Electric Corp. Westinghouse	S/N: 5397G S/N: 5392G HSG S/N;B1203006 NUT S/N:B1203006 COLLAR S/N:B1003006 HSG S/N;B1203007 NUT S/N:B1203007	N/A N/A N/A	ETN; 1RC01R ETN; 1RC01R Catl Id # 1394301 TC#1 CET PORT#74 (#1) Catl Id # 1394301 TC#2 CET PORT#75	1987 1987 2004 2004 2003 2004 2004	REPLACED REPLACED REPLACEMENT	YES YES NO
Seal Hou Seal Hou Seal Hou Seal Hou Seal Hou Seal Hous Seal Hous Seal Hous Seal Hous Seal Hous	using using using y using y sing y sing	Westinghouse Westinghouse Electric Corp. Westinghouse Electric Corp. Westinghouse	S/N: 5397G S/N: 5392G HSG S/N;B1203006 NUT S/N:B1203006 COLLAR S/N:B1003006 HSG S/N;B1203007 NUT S/N:B1203007 COLLAR S/N:B1003007 HSG S/N;B1203008 NUT S/N:B1203008	N/A N/A N/A N/A	ETN; 1RC01R ETN; 1RC01R Catl Id # 1394301 TC#1 CET PORT#74 (#1) Catl Id # 1394301 TC#2 CET PORT#75 (#2) Catl Id # 1394301 TC#3 CET PORT#76	1987 1987 2004 2004 2003 2004 2004 2004 2004 2004	REPLACED REPLACED REPLACEMENT REPLACEMENT	YES YES NO NO

7. Description of Work Replace Thermocouple seal housing flange assembly Per approved EC# 332186

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X VT-1 & VT-2

Other Pressure 2242

Test Temp. 557

°F

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in.,

psi

(2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. This form has been electronically generated.

	Applicable Manufacturer's Data Reports to be attached
-	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Replacement conforms to the rules of
1	ASME Code, Section XI. repair or replacement
	Type Code Symbol Stamp NOT APPLICABLE
(	Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE
ę	Signed A SAA RRR Cool Date 5/27,2005
	Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	nspectors and the State or Province of <b>ILLINOIS</b> and employed by <b>H.S.B. CT.</b>
С	of Hartford, CT. have inspected the components described in this Owr
F	Report during the period ///4/04/ to 5/27/05 , and state that to the b ny knowledge and belief, the Owner has performed examinations and taken corrective measures described
	Dwner's Report in accordance with the requirements of the ASME Code, Section XI.
E	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neith
C Ir	nspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss
a	inv kind arising from or connected with this inspection.
	Commissions ///-/254
	Date MMy 27, 20 05

3.2

					OR REPAIRS OR of the ASME Cod			
1.	Owner	Exelon Nuclea	r		Date 03/15/05			
			Name					
	4300 Wir	nfield Road, Wa	rrenville, IL		Sheet 1		of 2	
		and the second	Address					
2.	Plant	Byron Nuclear	Power Station		Unit 01			
<u> </u>	- iaint		Name					
	4450 N (	German Church			Work Order No. 0	0591819	-01	
	4400 14. 0	and the second	Address				.O. No., Job No., etc	
			Aut 633					•
3.	Work Per	formed by N	PS&WVENT	URE	Type Code Symbol	Stamp	Not Applicab	le
•••			Name		Authorization No.	•	pplicable	
	555 S. Jo	liet Rd, Bolingb	rook. IL 60440		Expiration Date	Not App		
			Address					
		,						
4.	Identificat	ion of System	Reactor Cool	ant (RC)				
		•			······································			
5.	(a) Appli	cable Construction	on Code <u>ASN</u>	IE Section III	19 <u>86</u> Edition,	And the second s	ddenda, <u>None</u>	
						Code C		
	(b) Applie	cable Edition of S	Section XI Utilize	d for Repairs of	or Replacement Cor	nponents	19 89	
	(c) Section	on XI Code Case	s used, NO	ONE				
6.	Identificati	on of Componen	its Repaired or R	eplaced and f	Replacement Compo	onents	······································	
							·····	
							Demoised	ASME
				National	and the second	a series de la composition de	Repaired, Replaced,	Code Stamped
lr	Name of	Name of	Manufacturer	Board	Other	Year	or Replacement	(Yes or No)
C	omponent	Manufacturer	Serial No.	No.	Identification	Built		
S/G F	Primary	Nova Machine	Ht# DVD		1RC01BC			
MW S		Products	S# 1-069	N/A	MW Stud# 4	1997	Replaced	NO
S/G F	Primary	Nova Machine	Ht# 7421869		1RC01BC			
MW S		Products	Trace: S487	N/A	MW Stud# 4	2005	Replacement	NO
	Primary	Nova Machine	Ht# DVD		1RC01BC			
MW S		Products	S# 23-044	N/A	MW Stud# 6	1997	Replaced	NO
S/G F	Primary	Nova Machine	Ht# 7421869		1RC01BC		and a state of the	

Products Trace: S487 N/A MW Stud# 6 2005 Replacement NO MW Stud 1RC01BC S/G Primary Nova Machine H# DVD N/A 1997 MW Stud Products S# 7-063 MW Stud# 8 Replaced NO Ht# 7421869 S/G Primary Nova Machine 1RC01BC N/A 2005 **Replacement** MW Stud Products Trace: S487 MW Stud# 8 NO Nova Machine Ht# DVD 1RC01BC S/G Primary N/A 1997 Products S# 7-065 MW Stud# 9 Replaced NO MW Stud Nova Machine Ht# 7421869 1RC01BC S/G Primary N/A 2005 **Products** Trace: S487 MW Stud# 9 Replacement NO MW Stud **Nova Machine** Ht# DVD 1RC01BC S/G Primary N/A 1997 MW Stud Products S# 1-71 MW Stud# 10 Replaced NO S/G Primary Ht# 7421869 Nova Machine 1RC01BC N/A 2005 Products Trace: S487 MW Stud# 10 Replacement NO MW Stud

7. Description of Work

N/A

**Test Conducted:** 

Other  $\square$ 

Replaced damaged studs on Cold Leg Primary Manway MJ-C2 1C Steam Generator

psi

8.

Hydrostatic

Pressure

Pneumatic

Nominal Operating Pressure

Test Temp.

°F

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

	A	pplicable Manufacture	r's Data Reports to be attached
<b></b>			
······	C	ERTIFICATE OF CO	
o cortify that th	ne statements made in th		
-	E Code, Section XI.		repair or replacement
			Not Applicable
pe Code Sym			Not Applicable
l l	horization No.	00 00	Not Applicable
ined		RR Cood.	Date <u>5/11</u> , 20 <u>04</u>
	(Owner or Ov	wner's Designee, Title	
	050715		
	CERTIF	ICATE OF INSERVI	UE INSPECTION
	· -		National Board of Boiler and Pressure
Vessel Inspec	tors and the State or Pro	vince ofIllinois	and employed by HSB CT
Vessel Inspec	tors and the State or Pro	vince of <u>Illinois</u> ne components describ	s and employed by HSB CT bed in this Owner's Report during the period
Vessel Inspec	tors and the State or Pro	vince of <u>Illinois</u> ne components describ	and employed by HSB CT
Vessel Inspect of <u>Hartford</u> 3/14/05	tors and the State or Pro <u>CT</u> have inspected th to <u>5/12/05</u>	vince ofIllinois ne components describ _ , and state that to the	s and employed by HSB CT bed in this Owner's Report during the period
Vessel Inspect of <u>Hartford</u> 3/14/05 he Owner has	tors and the State or Pro <u>CT</u> have inspected th to <u>5/12/05</u>	vince of <u>Illinois</u> ne components describ _ , and state that to the s and taken corrective	and employed by <u>HSB CT</u> bed in this Owner's Report during the period e best of my knowledge and belief, measures described in this Owner's
Vessel Inspect of <u>Hartford</u> <u>3/14/05</u> he Owner has Report in acco	tors and the State or Pro <u>CT</u> have inspected th to <u>5/18/05</u> a performed examinations ordance with the requirem	vince ofIllinois ne components describ , and state that to the s and taken corrective ments of the ASME Coo	and employed by <u>HSB CT</u> bed in this Owner's Report during the period e best of my knowledge and belief, measures described in this Owner's
Vessel Inspect of <u>Hartford</u> <u>3/14/05</u> he Owner has Report in acco By signing this	tors and the State or Pro <b>CT</b> have inspected th to $5/12/05$ performed examinations rdance with the requirem certificate neither the Ins	vince of <u>Illinois</u> ne components describ , and state that to the s and taken corrective nents of the ASME Coo spector nor his employ	and employed by <u>HSB CT</u> bed in this Owner's Report during the period e best of my knowledge and belief, measures described in this Owner's de, Section XI. yer makes any warranty, expressed or
Vessel Inspect of <u>Hartford</u> <u>3/14/05</u> he Owner has Report in acco By signing this mplied, conce	tors and the State or Pro <u>CT</u> have inspected th to <u>5/18/05</u> a performed examinations ordance with the requirem a certificate neither the Ins- rning the examinations a	vince of ne components describ , and state that to the s and taken corrective nents of the ASME Coo spector nor his employ and corrective measure	and employed by <u>HSB CT</u> bed in this Owner's Report during the period e best of my knowledge and belief, measures described in this Owner's de, Section XI. yer makes any warranty, expressed or es described in this Owner's Report.
Vessel Inspect of <u>Hartford</u> <u>3/14/05</u> he Owner has Report in acco By signing this mplied, conce Furthermore, r	tors and the State or Pro CT have inspected the spectrum of $5/12/0.5$ as performed examinations or dance with the requirem a certificate neither the Inspector nor line the Inspec	vince of <u>Illinois</u> ne components describ , and state that to the s and taken corrective nents of the ASME Coo spector nor his employ and corrective measure his employer shall be li	and employed by <u>HSB CT</u> bed in this Owner's Report during the period e best of my knowledge and belief, measures described in this Owner's de, Section XI. yer makes any warranty, expressed or es described in this Owner's Report. iable in any manner for any personal
Vessel Inspect of <u>Hartford</u> <u>3/14/05</u> he Owner has Report in acco By signing this mplied, conce Furthermore, r	tors and the State or Pro CT have inspected the spectrum of $5/12/0.5$ as performed examinations or dance with the requirem a certificate neither the Inspector nor line the Inspec	vince of <u>Illinois</u> ne components describ _ , and state that to the s and taken corrective nents of the ASME Coo spector nor his employ and corrective measure his employer shall be li- any kind arising from or	and employed by <u>HSB CT</u> bed in this Owner's Report during the period e best of my knowledge and belief, measures described in this Owner's de, Section XI. ver makes any warranty, expressed or es described in this Owner's Report. iable in any manner for any personal r connected with this inspection.
Vessel Inspect of <u>Hartford</u> <u>3/14/05</u> he Owner has Report in acco By signing this mplied, conce Furthermore, r njury or prope	tors and the State or Pro CT have inspected the spectrum of $5/18/05$ have inspected the spectrum of $5/18/05$ have inspector on the second statement of the second statem	vince of <u>Illinois</u> ne components describ , and state that to the s and taken corrective nents of the ASME Coo spector nor his employ and corrective measure his employer shall be li	and employed by <u>HSB CT</u> bed in this Owner's Report during the period e best of my knowledge and belief, measures described in this Owner's de, Section XI. ver makes any warranty, expressed or es described in this Owner's Report. iable in any manner for any personal r connected with this inspection.
Vessel Inspect of <u>Hartford</u> <u>3/14/05</u> he Owner has Report in acco By signing this mplied, conce Furthermore, r njury or prope	tors and the State or Pro CT have inspected the spectrum of $5/12/0.5$ as performed examinations or dance with the requirem a certificate neither the Inspector nor line the Inspec	vince ofIllinois ne components describ _ , and state that to the s and taken corrective nents of the ASME Coo spector nor his employ and corrective measure his employer shall be li- any kind arising from or Commissions	and employed by <u>HSB CT</u> bed in this Owner's Report during the period e best of my knowledge and belief, measures described in this Owner's de, Section XI. yer makes any warranty, expressed or es described in this Owner's Report. iable in any manner for any personal r connected with this inspection. III - IZSI

	FORM NIS-2 S	SUPPLEMENTAL SHEET
1.	Owner Exelon Nuclear	Date 03/15/05
	Name	
	4300 Winfield Road, Warrenville, IL	Sheet 2 of 2
	Address	
2.	Plant Byron Nuclear Power Station	Unit
	Name	
	4450 N. German Church Road, Byron, IL	Work Order No. 00591819-01
	Address	Repair Organization, P.O. No., Job No., etc.
3.	Work Performed by NPS&WVENTURE Name 555 S. Joliet Rd, Bolingbrook, IL 60440 Address	Type Code Symbol StampNot ApplicableAuthorization No.Not ApplicableExpiration DateNot Applicable
4.	Identification of System	IT (RC)
5.	(a) Applicable Construction Code ASME Sect	tion III 19 <u>86</u> Edition, <u>NO</u> Addenda, <u>N/A</u> Code Case
	<ul> <li>(b) Applicable Edition of Section XI Utilized for Re</li> <li>(c) Section XI Code Cases used, NONE</li> </ul>	epairs or Replacement Components 19 89
6.	Identification of Components Repaired or Replaced	d and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
S/G Primary	Nova Machine	Ht# DVD		1RC01BC			
MW Stud	Products	S# 16-058	N/A	MW Stud# 12	1997	Replaced	NO
S/G Primary	Nova Machine	Ht# 7421869		1RC01BC			
MW Stud	Products	Trace: S487	N/A	MW Stud# 12	2005	Replacement	NO
S/G Primary	Nova Machine	Ht# DVD		1RC01BC			
MW Stud	Products	S# 25-084	N/A	MW Stud# 13	1997	Replaced	NO
S/G Primary	Nova Machine	Ht# 7421869		1RC01BC			
MW Stud	Products	Trace: S487	N/A	MW Stud# 13	2005	Replacement	NO
		· ·			1		
						· · · · · · · · · · · · · · · · · · ·	
					<u> </u>		

C	OCUMEN	NT NO.:	9				REV. N	0.: 0
			IIS-2 OWNER'S Required by th					
1.	Owner	Exelon Nucle	ar		Date 3/19	/05		
	4300 Wii	nfield Road, W	Name arrenville, IL		Sheet	1	of1	
2.			Address r Power Station	)	Unit 01			
۷.	Flant	Byron Nuclea	Name					
	4450 N. (	German Churc	h Road, Byron,	IL	Work Order	No. 006172	79-04	
			Address		Rep	oair Organizatio	n, P.O. No., Job No.,	etc.
3.	3. Work Performed by <u>N P S &amp; W VENTURE</u> Name 555 S. Joliet Rd, Bolingbrook, IL 60440 Address				Type Code S Authorization Expiration Da	No. No	p <u>Not Applic</u> t Applicable Applicable	cable
4 <i>.</i> 5. 6.	(a) Appli (b) Appli (c) Secti	cable Edition of on XI Code Cas	REACTOR C tion Code ASI Section XI Utiliz tes used, <u>N</u> ents Repaired or	ME Section II ed for Repair NONE	I19_74_Editions or Replaceme	nt Compone	nts 19 8	Code Case 9
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Jpper	Oil Cooler	Perfex Division	875201-4	5724	1RC01PB-M	1976	Replaced	Yes
Jpper	· Oil Cooler	Perfex Division	1001601-3	6374 -	1RC01PB-M	1980	Replacement	Yes
ower	Oil Cooler	lonics, Inc.	7512/13-10	410 -	1RC01PB-M	1976	Replaced	Yes
ower	Oil Cooler	lonics, Inc.	8843/8844-1	615 -	1RC01PB-M	1980	Replacement	Yes

7.	Description of Work	REPLACED 1B REACTOR COOLANT MOTOR INCLUDING THE UPPER AND
		LOWER OIL COOLERS.

8.	Test Conducted:	Hydrostatic		Pneumatic		Nominal Operatii	ng Pressure	$\boxtimes$
		Other	Pressure	133	_psi	Test Temp.	72.8	۰F

**Note:** Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8\frac{1}{2}$  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.

9.

Remarks Work Order No. 00617279-04 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIA	NCE
/e certify that the statements made in the report are correct and this	REPLACEMENT conform to the
les of the ASME Code, Section XI.	repair or replacement
/pe Code Symbol Stamp Not Ap	plicable
ertificate of Authorization No. Not A	Applicable
gned to SA RRR Coord.	Date <u>5/11</u> , 20 <u>05</u>
Owner or Owner's Designee, Title	
Vessel Inspectors and the State or Province of Illinois a	nd employed by HSB CT
of <u>Hartford, CT</u> have inspected the components described in this $2/22/65$ to <u><math>5/12/65</math></u> , and state that to the best of the Owner has performed examinations and taken corrective measure. Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer make implied, concerning the examinations and corrective measures describ. Furthermore, neither the Inspector nor his employer shall be liable in a injury or property damage or a loss of any kind arising from or connective.	s Owner's Report during the period my knowledge and belief, es described in this Owner's on XI. s any warranty, expressed or bed in this Owner's Report. any manner for any personal ted with this inspection.
<u>z/22/65</u> to <u>5/12/05</u> , and state that to the best of the Owner has performed examinations and taken corrective measure Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer make implied, concerning the examinations and corrective measures describ Furthermore, neither the Inspector nor his employer shall be liable in a injury or property damage or a loss of any kind arising from or connect Commissions	s Owner's Report during the period my knowledge and belief, as described in this Owner's on XI. s any warranty, expressed or bed in this Owner's Report. any manner for any personal and with this inspection. 122-1254
2/22/65 to <u>5/12/05</u> , and state that to the best of the Owner has performed examinations and taken corrective measure Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer make implied, concerning the examinations and corrective measures descrif Furthermore, neither the Inspector nor his employer shall be liable in a injury or property damage or a loss of any kind arising from or connect Manual Commissions National Commissions	s Owner's Report during the period my knowledge and belief, es described in this Owner's on XI. s any warranty, expressed or bed in this Owner's Report. any manner for any personal ted with this inspection.
2/22/65 to <u>5/12/05</u> , and state that to the best of the Owner has performed examinations and taken corrective measure Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer make implied, concerning the examinations and corrective measures describ Furthermore, neither the Inspector nor his employer shall be liable in a injury or property damage or a loss of any kind arising from or connect Commissions	s Owner's Report during the period my knowledge and belief, as described in this Owner's on XI. s any warranty, expressed or bed in this Owner's Report. any manner for any personal and with this inspection. 122-1254

(Final)

7.

**REV. NO.:** 0

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

1.	Owner	Exelon Nucle	and the second		Date3/16/0	05		
	4300 Wir	nfield Road, Wa	the second se		Sheet	1	of1	1978-1941 - Harris Maria - Harrison
2.	Plant	Byron Nuclea	Address r Power Statio	n	Unit 01		-	
	4450 N. (	German Churcl	Name n Road, Byron,	, IL	Work Order N	lo. 007523	15-21	
			Address		Repa	ir Organizatior	n, P.O. No., Job No.,	etc.
3.	Work Per	formed by _	N P S & W VEN Name	TURE	Type Code Sy Authorization I		Not Applic	able
	555 S. Jo	liet Rd, Boling		0	Expiration Date			
4.	Identificat	ion of System	Address	COOLANT/PU	MPS			
5. 6.	(b) Appli (c) Section	cable Edition of on XI Code Cas	Section XI Utilizes used,	zed for Repairs NONE	19 <u>77</u> Edition s or Replacemen I Replacement C	t Componer	nts 19 8	Code Case 9
	lame of mponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(4) Bol Upper	t,Stud, 5/8", Oil Cooler hannel Flg	Perfex Division	HT#	N/A	1RC01PB-M	1980	Replaced	NO
Upper	t,Stud, 5/8", Oil Cooler nannel Flg	Nova Machine Products	Ht# 224938 Ht Code K363	N/A	1RC01PB-M	2004	Replacement	NO
Jpper	t,Stud, 5/8", Oil Cooler nd Cvr Flg	Perfex Division	HT# UNKNOWN	N/A	1RC01PB-M	1980	Replaced	NO
Jpper	t,Stud, 5/8", Oil Cooler nd Cvr Flg	Nova Machine Products	Ht# 224938 Ht Code K363	N/A	1RC01PB-M	2004	Replacement	NO

Description of Work REPLACED (4) STUD BOLTS IN UPPER OIL COOLER TOP CHANNEL FLANGE AND (8) STUD BOLTS IN THE BOTTOM END COVER FLANGE

									-
8.	Test Conducted:	Hydrostatic		Pneumatic	]	Nominal Operatin	ng Pressure	$\boxtimes$	
		Other	Pressure	133	_psi	Test Temp.	72.8	_ °F	

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

<ol> <li>Remarks <u>Work Order No</u></li> </ol>		
	Applicable Manufacturer's Data Reports	s to be attached
	·	
	CERTIFICATE OF COMPLIANCE	
e certify that the statements ma	ade in the report are correct and this REP	PLACEMENT conform to the
es of the ASME Code, Section	ropoir	or replacement
e Code Symbol Stamp	Not Applicable	<b>)</b>
tificate of Authorization No.	Not Applica	
ned A 200	PRR Concl	Date 3/24 , 20 05
	vner or Owner's Designee, Title	, 20
I, the undersigned, holding a va Vessel Inspectors and the State	alid commission issued by the National Board e or Province of <b>Illinois</b> and emp	of Boiler and Pressure loyed by <b>HSB CT</b>
of Hartford, CT have insp	ected the components described in this Owne	r's Report during the period
3/13/05 to 4/1/0	, and state that to the best of my kno	••••
ne Owner has performed exam	ninations and taken corrective measures descr	
	equirements of the ASME Code, Section XI.	
y signing this certificate neithe	er the Inspector nor his employer makes any w	arranty, expressed or
nplied, concerning the examination	ations and corrective measures described in th	nis Owner's Report.
urthermore, neither the Inspec	tor nor his employer shall be liable in any mar	ner for any personal
ijury or property damage or a k	oss of any kind arising from or connected with	this inspection.
Andubly	Commissions ///-	1254
Inspector's Signature	National Boar	rd, State Province, and Endorsements
Date: Maril 1	, 20 05	

(Final)

1.	Owne	r Exelon Nucle	ar Name		Date <u>12/16/04</u>					
	4300	Winfield Rd. Wa	arrenville, Il. 60	555	Sheet 1 of	1				
2.	Plant	Byron Nuclear	Address Power Station		Unit 00					
	<u>4450 I</u>	N. German Chui	Name ch Road, Byron	, <u>11.</u>	Work Order No. 00622061-01					
3.		Performed by <u>B</u> N. German Chur	Name ch Road, Byron		Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable Expiration Date Not Applicable					
ŀ.	Identif	ication of System	Address RH RESIDUA	L HEAT REMO	VAL - SPARE					
5. 5.	(b) Aj	oplicable Edition	of Section XI Ut	ilized for Repairs	L Edition, <u>S/72</u> Ad or Replacement Comp eplacement Componer	ponents 19		Code Case		
Name		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)		
PINDLE,		CROSBY VALVE AND GAGE CO.	N88700-37-0036	N/A	Valve S/N: N56904-00-0015	1975	REPLACED	NO		
PINDLE,	POINT	ANDRSON GREENWOOD	N88700-32-0198 HT# Q2083-GWO	N/A	Valve S/N: N56904-00-0015	2004	REPLACEMENT	NO		
			N90149-31-0041		Mahar CAL	1076	REPLACED	NO		
OZZLE		CROSBY VALVE	190149-51-0041	N/A	Valve S/N: N56904-00-0015	1975	KEFEACED			
		CROSBY VALVE AND GAGE CO. CROSBY VALVE	N90149-93-0187		N56904-00-0015 Valve S/N:	1975	REPLACEMENT	NO		
OZZLE OZZLE ISC INSE	ERT	CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE		N/A	N56904-00-0015 Valve S/N: N56904-00-0015 Valve S/N:					
OZZLE ISC INSE		CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO.	N90149-93-0187 HT# 50148		N56904-00-0015 Valve S/N: N56904-00-0015	1998	REPLACEMENT	NO		
OZZLE		CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE	N90149-93-0187 HT# 50148 N90446-34-0039 N90446-62-0130	N/A N/A	N56904-00-0015           Valve S/N:           N56904-00-0015           Valve S/N:           N56904-00-0015           Valve S/N:           Valve S/N:	1998 1975	REPLACEMENT	NO NO		
OZZLE ISC INSE		CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE	N90149-93-0187 HT# 50148 N90446-34-0039 N90446-62-0130	N/A N/A	N56904-00-0015           Valve S/N:           N56904-00-0015           Valve S/N:           N56904-00-0015           Valve S/N:           Valve S/N:	1998 1975	REPLACEMENT	NO NO		
OZZLE		CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE	N90149-93-0187 HT# 50148 N90446-34-0039 N90446-62-0130	N/A N/A	N56904-00-0015           Valve S/N:           N56904-00-0015           Valve S/N:           N56904-00-0015           Valve S/N:           Valve S/N:	1998 1975	REPLACEMENT	NO NO		
OZZLE ISC INSE		CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE AND GAGE CO. CROSBY VALVE	N90149-93-0187 HT# 50148 N90446-34-0039 N90446-62-0130	N/A N/A	N56904-00-0015           Valve S/N:           N56904-00-0015           Valve S/N:           N56904-00-0015           Valve S/N:           Valve S/N:	1998 1975	REPLACEMENT	NO NO		

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.

Pressure psi

°F

Test Temp.

This form has been electronically generated.

Other 🗌

N/A

Remarks WORK ORDER 00622061-01 Applicable Manufacturer's Data Reports to be attached						
	Applicable Manufacturer's Data Reports to be attached					
_						
-						
-						
	CERTIFICATE OF COMPLIANCE					
v	We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the A					
	Code, Section XI.					
T	NOT APPLICABLE					
~	Contraction Dec. NOT ADDI ICADI E					
C	Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE					
S	ligned Date 1/24 ,2005					
~	Ownod & Owner's Designee, Title					
	CERTIFICATE OF INSERVICE INSPECTION					
	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and					
St	tate or Province of ILLINOIS and employed by H.S.B. CT.					
	f Hartford, CT. have inspected the components described in this Owner's Re					
di La	uring the period, and state that to the best of, and state that to the best of					
KI in	accordance with the requirements of the ASME Code, Section XI.					
111						
	y signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning					
	aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emp					
	all be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected					
th	is inspection.					
<del></del>						
	ate Jan. 25, 20 05					
Da	ate $(100.15, 2005)$					
	$\mathcal{V}$					

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

1.	Owner	Exelon Nuclea		and and the second s	Date <u>3-9-05</u>		.,	
	4300 Wir	nfield Road, Wa	Name arrenville, IL		Sheet 1		of1	
2.	Plant		Address r Power Statior	)	Unit 01		······································	
	4450 N. (	German Church	Name Name Road, Byron, Address	IL	Work Order No.		<b>)1</b> , P.O. No., Job N	
3.	Work Per	formed by	N P S & W VEN Name		Type Code Symbo Authorization No.	l Stamp		
-	555 S. Jo	liet Rd, Boling	brook, IL 60440 Address	)	Expiration Date	Not Ap	plicable	
4.	Identificat	ion of System	(RY) PRES	SURIZER				
5.	(a) Appli	cable Construct	ion Code <u>A</u>	SME Section	19 <u>74</u> Editior	n, <u>S74</u> Code		19
6.	(c) Section	on XI Code Cas	es used, 📃 👖	NONE	or Replacement Co Replacement Comp	-	s 19 <u>89</u>	
	lame of mponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacemen	ASME Code Stamped (Yes or No
	STUD	ANVIL	N/A	N/A	1RY06076S	N/A	Replaced	NO
LOAD	STUD	ANVIL	N/A	N/A	CAT ID 1396343, UTC 2691511	N/A	Replacement	NO
			·					
<u></u>	<u> </u>			<u></u>				······
		I	L		1		<u> </u>	I

8.	Test Conducted:	Hydrostatic		Pneumatic	Nominal Operating Pressu	re 🗌
	VT-3	Other 🛛	Pressure	psi	Test Temp.	۰F

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

F	0	R	Μ	Ν	IS	-2	(B	а	ck)	)
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9. Remarks <u>548839-01</u>

Applicable Manufacturer's Data Reports to be attached

LIANCE
REPLACEMENT conform to the
repair or replacement
Applicable
ot Applicable
Dat∈ <u>3-28</u> , 20_05
NSPECTION National Board of Boiler and Pressure
and employed by HSB CT
d in this Owner's Report during the period est of my knowledge and belief,
measures described in this Owner's
de, Section XI.
er makes any warranty, expressed or
s described in this Owner's Report.
iable in any manner for any personal
connected with this inspection.
connected with this inspection.

1. Ow	ner Exelon Nuc			Date 3/14/05					
430	0 Winfield Rd. V		0555	Sheet 1 of	1				
2. Pla	nt Byron Nuclea		n	Unit <u>01</u>					
445	0 N. German Ch	<sub>Name</sub> urch Road, By	ron, II.	Work Order No. 0	0617468	-01			
	k Performed by	Address Byron Mechan	ical Maintena	nce		······································	etc. ode Symbol		
A A 5	0 N. German Chi	Name urch Road By	on II	Authorization No. Expiration Date					
1		Address			iot Appi	cable			
4. Ider	tification of Syste	m_RY PRESS	URIZER						
				airs or Replacement	•				
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)		
ELIEF VALVE		N56964-00-0111	N/A	1RY8010A	1993	REPLACED	YES		
ELIEF VALVE	CROSBY VALVE	N56964-00-0049	N/A	1RY8010A	1976	REPLACEMENT	YES		
				· ·					

 Description of Work\_REPLACE RELIEF VALVE PER PM PROGRAM

 Test Conducted:
 Hydrostatic

 Pressure
 2235

 psi
 Test Temp.

 649
 °F

 Note:
 Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in.,

 (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and

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the number of sheets is recorded at the top of this form.

7.

8.

	CERTIFICATE OF COMPLIANCE
	e certify that the statements made in the report are correct and this replacement conforms to the rules of SME Code, Section XI.
т.	ma Cada Sumbal Stamp Not Applicable
чy	pe Code Symbol Stamp Not Applicable
Ce	ertificate of Authorization No. Not Applicable Expiration Date Not Applicable
Sig	gned David Q. Silve RR Date 5-2,2005
I. ti	CERTIFICATE OF INSERVICE INSPECTION he undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Ins	pectors and the State or Province of Illinois and employed by HSB CT.
	Hartford, CT have inspected the components described in this Ow to 5/4/05 , and state that to the to
my	knowledge and belief, the Owner has performed examinations and taken corrective measures described
Ow	mer's Report in accordance with the requirements of the ASME Code, Section XI.
	signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	ncerning the examinations and corrective measures described in this Owner's Report. Furthermore, neith
Ins	pector nor his employer shall be liable in any manner for any personal injury or property damage or a los / kind arjsing from or connected with this inspection.
any	Commissions /11-1254
	Inspector's Signature National Board, State Province, and Endorsements
Dat	te May 4 , 20 05

1.	Owne	er <u>Exelon Nuc</u>	lear Name		Date 3/14/05			
			Address			1	· .	
2.	Plant	Byron Nuclea	Ar Power Static	n	Unit <u>01</u>			
	4450	N. German Ch	urch Road, By	ron, II.	Work Order No. 73	3 <b>5440-0</b> 1		
3. Stamp		Performed by	Address Byron Mechan	ical Maintenanc	Rep.	air Organiza 	tion, P.O. No., Job No., Type C	etc. ode Symbol
p			Name	/	Authorization No. N	ot Appli	cable	
	4450	N. German Chu	urch Road, Byr	on, II. E	Expiration Date N	ot Appli	cable	
4.	Identi	fication of Syste	Address m_RY		·			
5.	(a) A	oplicable Constr	ruction Code Se	ection III 1971	_ Edition, W/72 Ac	ldenda,N	0	Code Case
6.		•		·	rs or Replacement			
Name		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
RELIEF V	ALVE	CROSBY GAGE CO.	N56964-00-090	N/A	1RY8010B	1976	REPLACED	YES
RELIEF V	ALVE	CROSBY GAGE CO.	N56964-00-0047	N/A	CAT ID #24176	1976	REPLACEMENT	YES
				,				
				r				
							· · · ·	

L		1							 	 L	•
7.	Descri	ption of Wor	k R	EPLAC	E PRES	SSURIZ	ZER R	ELIEF	νE		

Test Conducted: Hydrostatic 🗌 Pneumatic 🗌 Nominal Operating Pressure 🛛 Other Pressure 2235 psi Test Temp. 649 °F Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11

in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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8.

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/ v	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	ASME Code, Section XI. repair or replacement
Т	Type Code Symbol Stamp Not Applicable
c	Certificate of Authorization No. Not Applicable Expiration Date Not Applicable
s	Signed David Cr. Libur, RRR COORDINATOR Date 5-2,2005
	Owner's Designee, Title
[ 	CERTIFICATE OF INSERVICE INSPECTION
	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	nspectors and the State or Province of Illinois and employed by HSB CT.
	f Hartford, CT have inspected the components described in this Owner's to 5/a/o5 , and state that to the best
m	hy knowledge and belief, the Owner has performed examinations and taken corrective measures described in the second
O	owner's Report in accordance with the requirements of the ASME Code, Section XI.
B	y signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	oncerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither t
	spector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of
	ny kind arising from or connected with this inspection.
ar	Amilia Commissions 1/1/-1254 Inspector's Signature Commissions Mational Board, State Province, and Endorsements

	Owne	er Exelon Nuc	loar		Date 3-13-0	95		
			Name					
		Winfield Rd. W	Address					
		Byron Nuclea	Name		·			
	4450	N. German Ch	urch Road, By	ron, II.	Work Order No. 73	35444-01	, 	
amp		Performed by	Address Byron Mechar	nical Maintenand		air Organiza 	tion, P.O. No., Job No., Type C	<sup>etc.</sup> ode Symbo
		N. German Chu	Name		Authorization No. N Expiration Date N			
			Address	юп, п.		or Abbu		
	Identif	ication of Syste	m <u> </u>				· · ·	
	(a) Ap	oplicable Constr	ruction Code S	ection III 1971	Edition, W/72 Ad	Idenda,N	0	Code C
		r	F	National	nd Replacement Co		Repaired,	ASME
Name Compo	nent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
IEF V	ALVE	CROSBY GAGE CO.	N56964-00-030	N/A	1RY8010C	1976	REPLACED	YES
IEF V	ALVE	CROSBY GAGE CO.	N56964-00-048	N/A	CAT ID #24176	1976	REPLACEMENT	YES
						1		1
						-		
							1	
						1		
			· · · · · · · · · · · · · · · · · · ·					<u> </u>
				· · · · · ·				
				<u> </u>		<u>    l                                </u>	L	
1	Descrir	tion of Work R	FPLACE PRES	SURIZER RELII	FF VAI VF			
			· · · · · · · · · · · · · · · · · · ·				7	
_	l est Co	onducted: Hydr			ninal Operating Pre	ssure [2	2	
		Othe	er 🗌 🛛 Pre	ssure 2235 p	osi Test Temp	649	o	F
I	Note: S	Supplemental sh	neets in form of	lists, sketches, c	or drawings may be	used, pro	ovided (1) size is	s 8-1/2 in. x

This form has been electronically generated.

ER-AA-330-009 **Revision 2** Page 28 of 36

# FORM NIS-2 (Back)

 CERTIFICATE OF COMPLIANCE
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this REPLACE Conforms to the rules of the ASM Code, Section XI.
Code, Section XI. repair or replacement
Type Code Symbol Stamp Not Applicable
With the station No. Not Applicable     Evolution Data Not Applicable
Certificate of Authorization No. Not Applicable Expiration Date Not Applicable
Signed ( ) mid a liber RRR COORDINATOR Date 5-3, 2005
Owner or Owner's Désignee, Title
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Illinois and employed by HSB CT.
of Hartford, CT have inspected the components described in this Owne
Report during the period ///22/04 to 5/4/05 , and state that to the bes
my knowledge and belief, the Owner has performed examinations and taken corrective measures described in Owner's Report in accordance with the requirements of the ASME Code, Section XI.
Owner's Report in accordance with the requirements of the nemic code, coolien vit.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither
Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of
any kind arising from or connected with this inspection.
Inspector's Signature CONTINIESSION National Board, State Province, and Endorsements
•

1								
1.	Owne	er Exelon Nucle		I	Date <u>4/1/05</u>			
	<u>4300</u>	Winfield Rd, W	Name Address	<u>0555</u> S	heet 1 of	<u> </u>		
2.	Plant	Byron Nuclear		U	nit <u>0</u>			
			Name rch Road, Byron	<u>, II. P</u>	urchase Order No			
3.			Address Vestinghouse Ele Name	A	ype Code Symbol uthorization No. N	Stamp <u>No</u> ot Applic:	able	
	1000	Westinghouse Di	r. New Stanton, I Address	PA 150/2 EX	piration Date No.	ot Applica	DIe	
4.	Identif	fication of System	Reactor Coola	ant Pressurizer [RY]	- SPARE		·	
•	(c) Ap	plicable ASME S	Section XI Code C		Replacement Con	ponents 1	<u></u>	
Man	n of	Name of	li internet	National	acement Compone	ŀ	Repaired,	ASME
Nam Comp	onent	Name of Manufacturer	Manufacturer Serial No.	· · ·	Other Identification	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
Comp WING C	onent		Manufacturer	National board	Other	Year	Replaced,	Code; Stamped
Comp WING C	onent	Manufacturer	Manufacturer Serial No. 03000CS8200000 002W720066	National board No.	Other Identification SPARE FOR	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
Comp WING C	onent	Manufacturer	Manufacturer Serial No. 03000CS8200000 002W720066	National board No.	Other Identification SPARE FOR	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
Comp WING C	onent	Manufacturer	Manufacturer Serial No. 03000CS8200000 002W720066	National board No.	Other Identification SPARE FOR	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
Comp WING C	onent	Manufacturer	Manufacturer Serial No. 03000CS8200000 002W720066	National board No.	Other Identification SPARE FOR	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
	onent	Manufacturer	Manufacturer Serial No. 03000CS8200000 002W720066	National board No.	Other Identification SPARE FOR	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
Comp WING C	onent	Manufacturer	Manufacturer Serial No. 03000CS8200000 002W720066	National board No.	Other Identification SPARE FOR	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)

## 7. Description of Work: MACHINE VALVE BUTT ENDS

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

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

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	·
	CERTIFICATE OF COMPLIANCE
Ŋ	Ve certify that the statements made in the report are correct and this REPAIR conforms to the rules of the ASME
S	ection XI.
~	O 1 O 1 - 1 - 1 Sterrer Net Arroller ble
1	ype Code Symbol Stamp Not Applicable
С	ertificate of Authorization No. Not Applicable Expiration Date Not Applicable
-	
Si	gned David Ci. Silver, RAR COORDINATOR Date 5-17, 2005
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors an
	ate or Province of Illinois and employed by HSB CT
	Hartford, Ct. have inspected the components described in this Owner's Rep to 5/18/05, and state that to the best of
uu kn	owledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Re
	accordance with the requirements of the ASME Code, Section XI.
By	signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
exa	aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emplo
sha	Il be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected w
this	s inspection.
	Commissions /LL-/254
	V Inspector's Signature National Board, State Province, and Endorsements
Dat	te Mar 18, 20 05

1.	Owner Exelon Nuclear	Date 05/20/04
	Name 4300 Winfield Rd. Warrenville, Il. 60555	Sheet 1 of 1
2.	Address Plant Byron Nuclear Power Station Name	Unit <u>01</u>
	4450 N. German Church Road, Byron, Il.	Work Order No. 00480189-01
3.	Address Work Performed by Byron Mechanical Maintenance Name	Repair Organization, P.O. No., Job No., etc.         Type Code Symbol Stamp       Not Applicable         Authorization No.       Not Applicable         Expiration Date       Not Applicable
4.	4450 N. German Church Road, Byron, II.         Address         Identification of System       STATION AIR [SA]	
5.	(a) Applicable Construction Code Section III 19 7- Section III 1980	

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89

(c) Applicable ASME Section XI Code Cases: <u>N-416-1</u>

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
VALVE 1"	KEROTEST	ADP15-17	37513	1SA181A	1985	REPLACED	YES
VALVE 2"	FLOWSERVE	23AXB	N/A	1SA181A CAT ID#1384035	2003	REPLACEMENT	YES
2" 300# S.W.R.F. FLANGE	CONSOLIDATED POWER SUPPLY	HT# 3M40774 CODE: BPQ-A-2	N/A	1SA77BA CAT ID#24465	2004	REPLACEMENT	NO
STUDS-5/8"-11 THD. ROD	NOVA MACH. PROD. CORP.	HT# 224938	N/A	1SA77BA CAT ID#25042	2004	REPLACEMENT	NO
NUTS-5/8"-11	NOVA MACH. PROD. CORP.	HT# 7220464	N/A	1SA77BA CAT ID#37029	2004	REPLACEMENT	NO
2X1 INSERT	CONSOLIDATED POWER SUPPLY	HT# 021J	N/A	1SA77BA CAT ID#27472	2004	REPLACEMENT	NO

## 7. Description of Work REPLACE 1" CHECK VALVE W/ 2" FLANGED CHECK VALVE-1SA181A

8.	Test Conducted:	Hydrostatic	Pneumatic	Nominal Operating Pressure	$\boxtimes$
		Other	Pressure 240	psi Test Temp. <u>87</u>	°F

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

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							<u></u>	
				E COMPLY	ANOR			
We contify t	hat the statemen		TIFICATE O				forma to th	e rules of the AS
Code, Section		is made in the re	port are correct	-	epair or replacement			le fuies of the A
code, seem					cpan of replacement			
Type Code S	Symbol Stamp	Not Applicab	le					
Certificate c	f Authorization	No. Not Applie	cable		Expiratio	n Date 👖	ot Applica	ible
Signed	$\Lambda$ Sr	KA 93	1.7 0			Date	1-60	20 01
Signed	CA-C	ng or Owner's Designee, Title	K Coon			Date	10/29	,20 04
	- <u></u>	CEPTIFIC	ATE OF INSE	DVICEIN	SPECTION	N		
I. the unders	gned, holding a						essure Vess	el Inspectors and
State or Prov				an	d employed	by HSB	CT.	•
of Hartford				nave inspect	ed the comp			his Owner's Rep
during the pe	riod $3/1$	9/04		0	112/04	:	and state th	hat to the best of
		oner has perform ements of the AS			corrective	neasures	described in	n the Owner's Re
in accordance	: with the require	ements of the Ac	SIVIE Code, Sec					
By signing th	is certificate nei	ther the Inspecto	or nor his emplo	oyer makes	any warrant <sup>.</sup>	y, express	ed or implie	ed, concerning th
								tor nor his emplo
shall be liable	e in any manner							n or connected w
this inspectio	n.	1						
	MUCC	4	Comr	nissions	National Bo	- 125	and Endorrements	
V	inspector 5 signature				Parkaial D	and, mane FINVINCI	, and chooisements	
_	r. 12, 20	-11						•

I. Ow	ner <u>Exelon Nuc</u>			Date 2/11/05	- #44		
430	0 Winfield Rd. V	Name Varrenville, Il. 6055 Address	5	Sheet 1 o	f _1		
2. Plan	t Byron Nuclea			Unit <u>01</u>		· · · · · · · · · · · · · · · · · · ·	
445	) N. German Ch	urch Road, Byron,	[]	Work Order No. 0	0480195-01	<u>l</u>	•
		Address Byron Mechanical Name urch Road, Byron, I		Re Type Code Symbol Authorization No. N Expiration Date N	Stamp Not Not Applica	ble	
		$\frac{Address}{SA - SERVICE}$					
(b)	Applicable Editio	ruction Code <u>Section</u> n of Section XI Utili Section XI Code Ca	1986 zed for Repairs	Ed '87 Ad (replace or Replacement Cor		)	Code Case
6. Ident	ification of Comp	oonents Repaired or H	Replaced and R	eplacement Compon	ents		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
1" CHECK VALVE	KEROTEST	S/N TKD4-24	11,582	ISA181D	1976	REPLACED	YES
2" CHECK VALVE	FLOWSERVE	S/N 18AXB	N/A	1SA181D / CAT ID #1384035	2003	REPLACEMENT	YES
2", 300#, S.W.R.F FLANGE	<ul> <li>Consolidated</li> <li>Power Supply</li> </ul>	HT #3M40774 LOT #2451	N/A	1SA77BD CAT ID #24465	2004	REPLACEMENT	NO
STUDS- 5/8"-11 THD. ROD	NOVA Machine Products	HT #224938 LOT #1620	N/A	1SA77BD CAT ID #25042	2004	REPLACEMENT	NO
NUTS – 5/8"-11	NOVA Machine Products	HT #7220464 LOT #50002672	N/A	1SA77BD CAT ID #37029	2004	REPLACEMENT	NO

Description of Work REPLACE 1" S.W. CKECK VALVE W/2" FLANGED CHECK VALVE - 1SA181D 7.

N/A

2X1 INSERT

ISA77BD

CAT ID #27472

2004

REPLACEMENT

°F

NO

NO

8.

Other psi Pressure 238 Test Temp. 83

Hydrostatic Deneumatic Nominal Operating Pressure

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

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Products

Test Conducted:

Consolidated Power Supply HT #21J

	Applicable Manufacturer's Data Reports		
· · · · · · · · · · · · · · · · · · ·	**************************************		
• •			
	·····		
	-		
		· · · · · · ·	
	TIFICATE OF COMPL		
We certify that the statements made in the re	eport are correct and this F	EPLACEMENT conforms to	the rules of the AS
Code, Section XI.		repair or replacement	
Type Code Symbol Stamp Not Applicat	ble		
Certificate of Authorization No. Not Appli	cable	Expiration Date Not Appli	cable
N Sag or		2/-	
Signed RR	R Coord	Date <u>3</u> /2 [	,20 05
Owner's Designee, Title		,	
CERTIFIC	ATE OF INSERVICE IN	ISPECTION	
, the undersigned, holding a valid commission			ssel Inspectors and
State or Province of <b>Illinois</b>		d employed by HSB CT.	
of Hartford, CT		ed the components described in	this Owner's Ren
luring the period //k/04	to 3		that to the best of
nowledge and belief, the Owner has perform	///		
n accordance with the requirements of the A			in the Owner's Re
accordance with the requirements of the ra	Shill Code, Section 74.		
By signing this certificate neither the Inspecto	or por his employer makes	any warranty expressed or imp	lied concerning th
xaminations and corrective measures describ			
hall be liable in any manner for any personal			
	i injury of property damage	of a loss of any kind arising in	on or connected w
his inspection	Commissions	111 2001	
Inspector's Signature		National Board, State Province, and Endorsement	15
Date WMMM 21,20 05			

9.

1.	Owne	er Exelon Nucle	ar Name		Date <u>08/13/04</u>	<u></u>		
	4300	Winfield Rd. Wa		555	Sheet 1 of	1		
			Address			~	······	
2.	Plant	<b>Byron Nuclear</b>		<u></u>	Unit <u>01</u>			
	4450	N. German Chu	Name rch Road, Byrou	n. 1).	Work Order No. 00	480196-0	1	
-	*** 1	D ( 11 D	Address				on, P.O. No., Job No., etc	c.
3.	Work	Performed by <b>B</b>	Name	al Maintenance	Type Code Symbol S Authorization No. No.			
	4450	N. German Chur		n. D.	Expiration Date No.			
			Address			- Applica		
4.	Identi	fication of System	STATION AI	R [SA]				
5.		pplicable Constru		1974	$\frac{5}{5}$ Edition, 1987 A $\frac{5}{5}$ or Replacement Com	(1	PIPE)	e Case
ó.	(c) A <u>r</u>	oplicable ASME S	Section XI Code	Cases: <u>N-416-1</u>	•		7 07	
Nam	(c) Ap Identif	pplicable ASME S fication of Compo	Section XI Code nents Repaired o	Cases: <u>N-416-1</u> or Replaced and Ro National Board	eplacement Compone	its Year	Repaired, Replaced,	ASME Code; Stamped (Ver or No)
	(c) Ap Identif	oplicable ASME S fication of Compo	Section XI Code nents Repaired o	Cases: <u>N-416-1</u> or Replaced and Ro	eplacement Compone	nts	Repaired,	
Name Compo ALVE 1	(c) Ap Identif	pplicable ASME S fication of Compo	Section XI Code nents Repaired o Manufacturer Serial No.	Cases: <u>N-416-1</u> or Replaced and Ro National Board No.	eplacement Compone	nts Year Built	Repaired, Replaced, or Replacement	Code; Stamped (Yes or No)
Nam Comp	(c) Ap Identif	pplicable ASME S fication of Compo Name of Manufacturer KEROTEST	Section XI Code nents Repaired o Manufacturer Serial No. SSC2-25	Cases: <u>N-416-1</u> or Replaced and Ro National Board No. 11,552	Other Identification 1SA181B	Year Buik 1976	Repaired, Replaced, or Replacement REPLACED	Code; Stamped (Yes or No) YES
Name Compe ALVE 1 ALVE 2' 300# S.	(c) Ap Identif	pplicable ASME S fication of Compo Name of Manufacturer KEROTEST FLOWSERVE CONSOLIDATED	Section XI Code ments Repaired o Manufacturer Serial No. SSC2-25 21AXB HT# 3M40774	Cases: <u>N-416-1</u> or Replaced and Ro Board No. 11,552 N/A	Other Identification ISA181B ISA181B CAT ID#1384035 ISA77AB	1ts Year Built 1976 2003	Repaired, Replaced, or Replacement REPLACED REPLACEMENT	Code; Stamped (Yes or No) YES YES
Name Compo ALVE 1 ALVE 2' 300# S. ANGE 'UDS-5/	(c) Ap Identif De of Conent "" .W.R.F. /8"-11 D	pplicable ASME S fication of Component Name of Manufacturer KEROTEST FLOWSERVE CONSOLIDATED POWER SUPPLY NOVA MACHINE	Section XI Code ments Repaired o Manufacturer Serial No. SSC2-25 21AXB HT# 3M40774 CODE: BPQ-A-2	Cases: <u>N-416-1</u> or Replaced and Ro National Board No. 11,552 N/A N/A	eplacement Component Other Identification 1SA181B 1SA181B CAT ID#1384035 1SA77AB CAT ID#24465 1SA77AB	rts Year Buik 1976 2003 2004	Repaired, Replaced, or Replacement REPLACED REPLACEMENT REPLACEMENT	Code; Stamped (Yes or No) YES YES NO

## 7. Description of Work REPLACE 1" CHECK VALVE W/ 2" FLANGED CHECK VALVE-1SA181B PER EC# 79848.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 242 psi Test Temp. 70 °F

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

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	CERTIFICATI	C OF COMPLIANCE		
We certify that the state Code, Section XI.	ements made in the report are corr	ect and this REPLACEMENT	conforms to the	rules of the AS
Type Code Symbol Sta	mp Not Applicable			
	tion No. Not Applicable	Expiration Da	te Not Applicabl	e
Signed	South RRR Coord.	Da		,20 <u>04</u>
	CERTIFICATE OF U	NSERVICE INSPECTION		
	ing a valid commission issued by	he National Board of Boiler an		Inspectors and
State or Province of of <u>Hartford, CT</u>	Illinois	and employed by have inspected the component	nts described in this	
	6/11/04 ne Owner has performed examinat uirements of the ASME Code, Sec		, and state that ures described in th	
	e neither the Inspector nor his em			
	tive measures described in this Ov nner for any personal injury or pro			
inspection.	Signature Co	nmissions	254 e Province, and Endorsements	
Date 12. 12	,20 02/			

1.	Owner		Exelon Nuclea Name	ır		Date	4.5.05	
		_4300 Winfie	eld Rd. Warrenv Address	ville, IL 60	555	Sheet _	of	1
2.	Plant _	Byron N	Nuclear Power S Name	Station		Unit	01	
	4	450 N. Germar	Address	yron, IL 6 <sup>-</sup>			#00792000-01 zation P.O., Job	No., etc
3.			Byron Mec Ich Rd. Byron, I dress			No.	Stamp <u>Not App</u> Not Applicable Not Applicable	licable
4. 5. 6.	(a) Ap (b) Ap (c) Se	plicable Constr plicable Edition ction XI Code C	SA-SERVIC ruction Code <u>Se</u> of Section XI U Cases used, nents Repaired	ection III 1 Itilized for I None	Repairs or Rep	lacemer	nts 19 <u>89</u>	de Case,
	ne of nponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	Check /alve	Flowserve	S/N 18AXB	N/A	1SA181D Cat ID 1384035	2003	Replaced	Yes
	Check /alve	Flowserve	S/N 91AYT	N/A	1SA181D Cat ID 1384035	2004	Replacement	Yes

- Replace 2" Flanged check valve with new 2" flanged check valve -**Description of Work** 7. 1SA181D
- **Test Conducted:** 8.

Pneumatic Hydrostatic Other Deressure 240

Nominal Operating Pressure Test Temp.  $\tilde{3}/.9$ psi

 $\boxtimes$ 

°F

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

9. Remarks W/O#00792000-01

Applicable Manufacturer's Data Reports to be attached

## **CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this <u>Replacement</u> conform to the rules of the ASME Code, Section XI.
Type Code Symbol StampNot Applicable
Certificate of Authorization No Not Applicable
Signed David G. Liber RRR COORSINATOR Date 4-18, 20 05
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of <u>Illinois</u> and employed by <u>H.S.B. CT.</u> of <u>Hartford, CT.</u> Have inspected the components described in this Owner's Report during the period <u>331/155</u> to <u>4/155</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. <u>ILL-ILSY</u> National Board, State, Province, and Endorsements
Date 2011/18 , 20 05

1. (	Owner Exelon Nuc	Name	D	ate 03/21/05			
4	300 Winfield Rd. W	/arrenville, II. 6	<b>0555</b> S	heet 1 of	1		
2. F	Plant Byron Nuclea	Address	n ()	nit <u>01</u>			
		Name					
4	450 N. German Ch	urch Road, Byr	<u>on, II. W</u>	ork Order No. 00	628787-	04	· · · · · · · · · · · · · · · · · · ·
		Address				ion, P.O. No., Job No.,	
3. V	/ork Performed by_	Byron Mechan		Type Code Syr Ithorization No. No.			ble
4	450 N. German Chi	urch Road, Byr		piration Date N			
. lo	lentification of Syste	Address m SD STFAM	GENERATOR BI				***************************************
			· · · · · · · · · · · · · · · · · · ·				
). (a	<ol> <li>Applicable Constr</li> </ol>	ruction Code Se	ection III 1974	Edition, W/75 Ad	denda,	NONE	Code Cas
(F	) Applicable Editior	of Section XI II	tilized for Renairs	or Replacement (	Compone	onte 10 80	
(1				or replacement v	Joinpoint		
(C	) Applicable ASME	Section XI Code	e Cases: <u>None</u>				
. Id	entification of Comp	onents Renaired	l or Replaced and	Replacement Co	mnonent	°C	
					mponom	.0	,
Name of Componen	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
PLUG, VAL	VE MASONEILAN	S37946-2	N/A	1SD002D	2002	REPLACED	YES
PLUG, VAL	VE MASONEILAN	S37946-9	N/A	1SD002D	2004	REPLACEMENT	YES
				-			
		·····					
					1		
		1					

7. Description of Work REPAIR VALVE LEAKBY. REPLACE VALVE PLUG.

	Hydrostatic 🗌	Pneumatic 🗌	Nomina	I Operating Pressure		
N/A	Other	Pressure	psi	Test Temp	• <b>F</b>	
Note: Supplemer	ntal sheets in form	n of lists, sketch	ies, or dra	awings may be used,	provided (1) size is 8-1/2 in. x 11	
in., (2) information in	items 1 through	6 on this report i	s include	d on each sheet, and	(3) each sheet is numbered and	
the number of she	•			,	( )	

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8.

	RemarksWO# 00628787-04
	Applicable Manufacturer's Data Reports to be attached REPLACEMENT VALVE PLUG TACK WELDED TO STEM UNDER WORK ORDER 00660129-01.
-	
	CERTIFICATE OF COMPLIANCE
,	We certify that the statements made in the report are correct and this REPLACEMENT conforms to the ru
t	the ASME Code, Section XI.
	Ture Orde Crawbal Staws - Net Angliachte
	Type Code Symbol Stamp Not Applicable
(	Certificate of Authorization No. Not Applicable Expiration Date Not Applicable
ŝ	Signed Date 4/1 ,20 05
	Uniter proviner's Designee, Tibe
	CERTIFICATE OF INSERVICE INSPECTION
	, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel nspectors and the State or Province of <b>Illinois</b> and employed by <b>HSB CT</b> .
	of Hartford, CT have inspected the components described in this Owner
F	Report during the period 3/1/15 to 4/1/15 , and state that to the best
	ny knowledge and belief, the Owner has performed examinations and taken corrective measures described in
C	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
D	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	oncerning the examinations and corrective measures described in this Owner's Report. Furthermore, neithe
	report of the examinations and corrective measures described in this owner's report. I driftermore, here a loss
	ny kind arising from or connected with this inspection.
	GAMMMMM Commissions 122-1254
	V Inspector's Signature National Board, State Province, and Endorsements
n	Date Mul 1, 20 05

1.	Owner Exelon Nuclear	Date 03/11/05
	Name 4300 Winfield Rd. Warrenville, II. 60555	Sheet 1 of 1
2.	Address Plant Byron Nuclear Power Station	Unit <u>01</u>
	Name 4450 N. German Church Road, Byron, Il.	Work Order No. 00617461-01
3.	Address Work Performed by <u>Byron Mechanical Maintenance</u> Name	Authorization No. Not Applicable
	4450 N. German Church Road, Byron, II. Address	Expiration Date Not Applicable
4.	Identification of System SI	
5.	(a) Applicable Construction Code Section III 19_7	71 Edition, W72 Addenda, 1649 Code Case
	(b) Applicable Edition of Section XI Utilized for Repairs	s or Replacement Components 19 89

(c) Applicable Section XI Code Cases: <u>None</u>

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
2" X 3" RELIEF VALVE	CROSBY VALVE	N56902-00-0029	N/A	ETN: 1SI8856A	1999	REPLACED	YES
2" X 3" RELIEF VALVE	CROSBY VALVE	N56902-00-0007	N/A	ETN: 1SI8856A	1975	REPLACEMENT	YES
		-					
		<u></u>					

7. Description of Work: REPLACE RELIEF VALVE PER PM PROGRAM

8.	Test Conducted:	Hydrostatic	Pneumatic		Nominal	Operating Pressure	$\boxtimes$		
		Other	Pressure	543	psi	Test Temp	157	°F	

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

This form has been electronically generated.

Remarks	Work Order No. 00617461-01							
Applicable Manufacturer's Data Reports to be attached								
·····	·							
	CERTIFICATE OF COMPLIANCE							
We certify the	t the statements made in the report are correct and this REPLACEMENT conforms to the rules of the							
Code, Section								
	ука. Крал и крассикци							
Type Code Sy	mbol Stamp Not Applicable							
51 5								
Certificate of	Authorization No. Not Applicable Expiration Date Not Applicable							
Signed	Date 5/20 ,20 05							
	CERTIFICATE OF INSERVICE INSPECTION							
	ned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors a							
State or Provin								
of Hartford,	CT have inspected the components described in this Owner's Re							
knowledge and	od <u>9/8/04</u> to <u>5/10/05</u> , and state that to the best of belief, the Owner has performed examinations and taken corrective measures described in the Owner's belief.							
in accordance.	with the requirements of the ASME Code, Section XI.							
uccon uunoo								
By signing this	certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning							
examinations a	nd corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emp							
shall be liable i	n any manner for any personal injury or property damage or a loss of any kind arising from or connected							
this inspection.								
9 FU	Inspector's Signature Commissions ////254							
	Inspector's Signature National Board, State Province, and Endorsements							
Date MAR	<b>20</b> , 20 <b>05</b>							
/								

1.	Owner Exelon Nuclear				Date 3/8/05					
	Name 4300 Winfield Road, Warrenville, IL				Sheet 1 of 1					
2.	Plant	Byron Nu	Unit _01							
	Name 4450 N. German Church Road, Byron, IL				Work Order No. 00430787-01					
		Address Work Performed by NPS&WVENTURE Name			Repair Organization, P.O. No., Job No., etc. Type Code Symbol Stamp <u>Not Applicable</u> Authorization No. <b>Not Applicable</b>					
3.	Work F									
	555 S.	555 S. Joliet Rd, Bolingbrook, IL 60440			Expiration Date Not Applicable					
	Address									
4.	4. Identification of System _ESSENTIAL WATER (SX)									
5.										
	(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89									
6.		ction XI Code C		-416-2	and Replaceme	nt Comr	ononto			
0.						ni Conț				
		Name of	Manufacturer	National Board	Other	Nam	Repaired, Replaced,	ASME Code Stamped		
Name of Component		Manufacturer			Other Identification	Year Built	or Replacement	(Yes or No)		
Butterfly valve		Jamesburv	ND-48858-21A	N/A	1SX001A	1978	Replaced	YES		
	utterfly /alve	Jamesburv	ND-48859-10A	N/A	1SX001A	1978	Replacement	YES		
				- -						
					······································					
7. Description of Work Install replacement butterfly valve. Pipe Spool Piece was cut and re-used										
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure										
		Other	Pressu	ire31.5	psi Test	Temp	<u>    66     </u> °	F		
inform	nation in it	ems 1 through 6		cluded on eac	gs may be used, p ch sheet, and (3) e					

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

9.	Remarks	Work Order No	. 00430787-01				
	Applicable Manufacturer's Data Reports to be attached						
					· · · · · · · · · · · · · · · · · · ·		
[		CER	RTIFICATE OF COM	PLIANCE			
We	certify that the	statements made in t					
	•	Code, Section XI.			repair or replacement		
1		l Stamp	No	t Applica	ble		
	tificate of Autho			Not Appli	cable		
Sig	ned	SMT RR	R Cond		Date 3/25 , 20 05		
	$\overline{(0)}$	Owned or Owned	er's Designee, Title				
	5						
		CERTIFIC	ATE OF INSERVICE	INSPEC	TION		
I,	the undersigne	ed, holding a valid cor	mmission issued by tl	he Nation	al Board of Boiler and Pressure		
V	essel Inspector	rs and the State or Pr	ovince of Illinois	and e	mployed by HSB CT		
o	f Hartford, C	have inspected the	e components descri	oed in this	Owner's Report during the period		
لمن	120/03 1	0 <u>3/20/05</u> ,	and state that to the	best of m	y knowledge and belief,		
th	ne Owner has p				res described in this Owner's		
R	eport in accord	ance with the require	ments of the ASME (	Code, Sec	tion XI.		
B	y signing this c	ertificate neither the li	nspector nor his emp	loyer mak	es any warranty, expressed or		
in	nplied, concern	ing the examinations	and corrective measu	ures desci	ribed in this Owner's Report.		
Fi	urthermore, nei	ther the Inspector nor	r his employer shall b	e liable in	any manner for any personal		
in	jury or property	damage or a loss of	any kind arising from	or conne	cted with this inspection.		
Ç	Amalia	the second	Commissions	n	-1254		
7		ctor's Signature	-	National B	oard, State Province, and Endorsements		
D	ate: Mull	<u>, 29</u> , 20 <u>05</u>					

(Final)

### ER-AA-330-009 Revision 1 Page 29 of 35

## ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI Page 1 of 4

1.	Owner Exelon Nuclear			Date _4/1/04				
	Name 4300 Winfield Road, Warrenville, IL Address				Sheet of			
2.	Plant	Byron Nu	clear Power Sta	ation	Unit <u>01</u>			
			Name					
	4450 N	I. German Chu	rch Road, Byro Address	n, IL	Work Order No			-1-
			Address		Repair Organiz	ation, P.	U. NO., JOD NO	., etc.
3.	Work F	Performed by	NPS&WVEN	TURE	Type Code Syn			cable
			Name		Authorization N	and the second se		
	<u>555 S.</u>	Joliet Rd, Boli	ngbrook, IL 604 Address	40	Expiration Date	Not A	Applicable	
4.	Identifie	cation of Syster	n Essential Sei	rvice Water	(SX)			·····
5.	(a) Ap	plicable Constru	uction Code Sec	tion III 19	974 Edition, S7	5 Adde	nda, 1702- 1773	Code Case
			of Section XI Uti	lized for Rep	airs or Replacer	nent Cor		9
		ction XI Code C		416-2				
6.	Identific	ation of Compo	onents Repaired	or Replaced	and Replaceme	nt Comp	onents	
	me of ponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	<i>p</i> =		and the second se					
Wafe	r Valve	Jamesburv	ND-48858-21B	N/A	1SX001B	1978	Replaced	YES
Wafe	r Valve	Enertech	KKI-001	N/A	1SX001B	2002	Replacement	YES

7. Description of Work INSTALL NEW WAFER VALVE.

8.	Test Conducted:	Hydrostatic		Pneumatic		Nominal Op	perating Pre	ssure 🗵	]
		Other	Pressure	e30	psi	Test Temp.	66-68	°F	

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

ER-AA-330-009 Revision 0 Page 30 of 36

## ATTACHMENT 4 FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI Page 2 of 4

9. Remarks Work Order 493159-01, used Code Case N-416-2.

Applicable Manufacturer's Data Reports to be attached

Party	
CERTIFICATE	OF COMPLIANCE
We certify that the statements made in the report a	re correct and this <u>replacement</u> conform to the
rules of the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed (David a Siber, RRR COORD.	INATOR Date 12-16, 20 034
Owner or Owner's Designee, Ti	tle DAS
	)2]/6]/7

## **CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure							
Vessel Inspectors and the State or Province of <u>Illinois</u> and employed by <u>HSB CT</u>							
of Hartford, CT have inspected the components described in this Owner's Report during the period							
<u>9/22/03</u> to <u>12/10/04</u> , and state that to the best of my knowledge and belief,							
the Owner has performed examinations and taken corrective measures described in this Owner's							
Report in accordance with the requirements of the ASME Code, Section XI.							
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or							
implied, concerning the examinations and corrective measures described in this Owner's Report.							
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal							
injury or property damage or a loss of any kind arising from or connected with this inspection.							
Of enductor Commissions 126-1254							
Inspector's Signature National Board, State Province, and Endorsements							
Date: $Aec. 16, 20, 04$							

**ER-AA-330-009** Revision <u>10</u> Page 2<u>78</u> of 3<u>56</u>

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

1.	Owner Exelon Nuclear	Date 10/29/03
	Name	
	4300 Winfield Rd. Warrenville, Il. 60555	Sheet 1 of <u>1</u>
	Address	
2.	Plant Byron Nuclear Power Station	Unit <u>01</u>
	Name	
	4450 N. German Church Road, Byron, Il.	Work Request No. 538312-01
	Address	Repair Organization, P.O. No., Job No., etc.
3.	Work Performed by Byron Mechanical Maintenance	Type Code Symbol Stamp Not Applicable
	Name	Authorization No. Not Applicable
	4450 N. German Church Road, Byron, II.	Expiration Date Not Applicable
	Address	
4.	Identification of System SX	
5.	(a) Applicable Construction Code Section III 19 7	7 Edition, W78 Addenda, NO Code
Case		

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
VALVE BALL	ITT	94-60766-1-21	N/A	1SX2198A	1994	REPLACED	YES
VALVE BALL	ITT	724376-1-2	N/A	CAT ID #25892 HT# 718053-6	2003	REPLACEMENT	YES
					-		
,							
<u></u>							·

7.	Description of Wo	ork <u>REPLACE V</u>	ALVE BALL	an a		
8.	Test Conducted:	Hydrostatic	] Pneumatic 🔲	Nominal Operating Pressure		
	N/A	Other	Pressure	psi Test Temp.	°F	]
	in., (2) information	n in items 1 throu		r drawings may be used, provio is included on each sheet, and (		

**ER-AA-330-009** Revision <u>10</u> Page 2<u>78</u> of 3<u>56</u>

1

# FORM NIS-2 (Back)

	Applicable Manufacturer's Data Reports to be attached
•	
We certify t	CERTIFICATE OF COMPLIANCE hat the statements made in the report are correct and this replacement conforms to the rules of the
	e, Section XI.
Type Code S	Symbol Stamp NOT APPLICABLE
Certificate c	of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE
000000000	
Signed	[] and G. Silve Date 3-4, 2004
· ·	Uwher or Uwher's Designee, 1 He
T the surdaus	CERTIFICATE OF INSERVICE INSPECTION
	igned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel and the State or Province of ILLINOIS and employed by H.S.B. CT.
of Hartford	
	port during the period $\frac{1}{5}/03$ to $\frac{3}{6}/04$ , and state that to the
	nowledge and belief, the Owner has performed examinations and taken corrective measures described in
	Report in accordance with the requirements of the ASME Code, Section XI.
Dr. sisning ti	his somifiests neither the Incorporter non his sum lever males one memory summers and as implicat
	his certificate neither the Inspector nor his employer makes any warranty, expressed or implied, he examinations and corrective measures described in this Owner's Report. Furthermore, neither the
	r his employer shall be liable in any manner for any personal injury or property damage or a loss of any
kind arising	from or connected with this inspection.
	Commissions <u>1/1 - 1254</u> National Board, State Province and Endorsements
C	
	18/1 04 , 20 0A

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

1.	Owner Exelon Nuclear	Date 01/06/05
	Name <u>4300 Winfield Rd. Warrenville, II. 60555</u> Address	Sheet 1 of _1
2.	Plant Byron Nuclear Power Station	Unit <u>00</u>
	4450 N. German Church Road, Byron, II.	Work Order No. 00605446-01
3.	Address Work Performed by <u>Byron Mechanical Maintenar</u> Name	Repair Organization, P.O. No., Job No., etc. Ce Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable
	4450 N. German Church Road, Byron, II.	Expiration Date Not Applicable
4.	Address	WATER
5.	(a) Applicable Construction Code Section III 1974	4 Edition, W/75 Addenda, N/A Code Case

- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components 19 89
- (c) Applicable Section XI Code Cases: <u>N-416-2</u>
- 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
VALVE	ANCHOR DARLING VALVE CO.	E-6220-10-2	N/A	0SX063B	1978	REPLACED	YES
VALVE	FLOWSERVE	AY-204	N/A	CAT ID# 1399376-1 0SX063B	2005	REPLACEMENT	YES
							-
					_		
namenta da fina de Canada de C							
- <u></u>							

7	Description of Work	<b>REPLACE VALVE WITH A</b>	STAINI ESS STEEL	VALVE - 05X063E
1.				

8.	Test Conducted:	Hydrostatic	Pneumatic 🗌	Nominal Operating Press	sure 🛛
----	-----------------	-------------	-------------	-------------------------	--------

Other Pressure 70 psi Test Temp. 74 °F

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in.,

(2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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# FORM NIS-2 (Back)

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ate of Aut	norization No	o. Not A	pplicab	le							
<i>f</i>	600						Expiration	on Date	Not	Applic	cable
<u> </u>		-									
	XXI	T R	RR 1	Coord	2			Date	1/2	27	,20 04
		-Owner's Designee	), Hee						1		
											······
ndersigne	l, holding a	valid com	mission		by the l						sure Vess
	e State or Pi	rovince of									
	noriod		and the second s			specte	ea the co	mponer			
		II/9/0	25 porto			1/27	705 Dotakor	corroc	, and livo ma	state	that to the
										easure	es describ
i tepoir i	accordance	5 What are	requirer	nonto o			, 00		i•		
ng this ce	tificate neith	ner the Ins	spector i	nor his	employ	er mak	kes any	warrant	v, expr	essed	l or implie
ing the ex	aminations a	and corre	ctive me	asures	s describ	bed in t	this Owr	ier's Re	port. F	Furthe	rmore, ne
or nor his	mployer sha	all be liab	le in any	/ manne	er for ar	ny pers	sonal inji	ury or pr	roperty	/ dama	age or a lo
arising fr	om or conne	cted with	this insp								
Henn	uch			_ Com	nmissior	าร		<u>[[-]</u>	154		
h	Accion o Subtratione						wational E	waru, State Pro	wince, and E	moorsement	ts
Jan.	<b>27</b> , 20	15									
/											
	tors and the tford, CT during the wledge and s Report in ing this cer hing the exa or nor his e d arising fro	tors and the State or P tford, CT during the period wledge and belief, the s Report in accordance ing this certificate neith ning the examinations a or nor his employer sho	ndersigned, holding a valid com tors and the State or Province of tford, CT during the period wledge and belief, the Owner has s Report in accordance with the ing this certificate neither the Ins ning the examinations and corre- or nor his employer shall be liab d arising from or connected with	ndersigned, holding a valid commission fors and the State or Province of Illi tford, CT during the period <u>inform</u> wledge and belief, the Owner has perfor s Report in accordance with the requirer ing this certificate neither the Inspector in hing the examinations and corrective me or nor his employer shall be liable in any d arising from or connected with this insp during the the the the inspector of the	ndersigned, holding a valid commission issued fors and the State or Province of Illinois tford, CT during the period Illinois wedge and belief, the Owner has performed e s Report in accordance with the requirements of ing this certificate neither the Inspector nor his hing the examinations and corrective measures or nor his employer shall be liable in any mann d arising from or connected with this inspection Con	ndersigned, holding a valid commission issued by the tors and the State or Province of Illinois tford, CT have in during the period have in to wledge and belief, the Owner has performed examinat s Report in accordance with the requirements of the As ing this certificate neither the Inspector nor his employ hing the examinations and corrective measures describ or nor his employer shall be liable in any manner for and d arising from or connected with this inspection. Commission	ndersigned, holding a valid commission issued by the Nation fors and the State or Province of Illinois and tford, CT have inspected during the period Illinois to Illinois and weldge and belief, the Owner has performed examinations as s Report in accordance with the requirements of the ASME C ing this certificate neither the Inspector nor his employer mal- ning the examinations and corrective measures described in or nor his employer shall be liable in any manner for any per- d arising from or connected with this inspection. Commissions	ndersigned, holding a valid commission issued by the National Board fors and the State or Province of Illinois and employed the state or Province of Illinois and employed have inspected the control of the ASME code, Sector and the	tors and the State or Province of Illinois and employed by H trord, CT have inspected the component to 1/22/05 wledge and belief, the Owner has performed examinations and taken correct is Report in accordance with the requirements of the ASME Code, Section XI ing this certificate neither the Inspector nor his employer makes any warrant hing the examinations and corrective measures described in this Owner's Re- or nor his employer shall be liable in any manner for any personal injury or pro- d arising from or connected with this inspection.	ndersigned, holding a valid commission issued by the National Board of Boiler and tors and the State or Province of Illinois and employed by HSB of the period Illinois have inspected the components desite during the period Illinois and belief, the Owner has performed examinations and taken corrective me is Report in accordance with the requirements of the ASME Code, Section XI. ing this certificate neither the Inspector nor his employer makes any warranty, expri- ning the examinations and corrective measures described in this Owner's Report. I or nor his employer shall be liable in any manner for any personal injury or property d arising from or connected with this inspection.	Illinois and employed by HSB CT. trond, CT and employed by HSB CT. during the period $HSB$ cr. we have inspected the components described we have inspected the components described to $HSB$ cr. have inspected the components described to $HSB$ cr. have inspected the components described to $HSB$ cr. have inspected the components described to $HSB$ cr. and state we have inspected the components described to $HSB$ cr. and state we have inspected the components described to $HSB$ cr. and state to $HS$

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

1.	Owner	Exelon Nucle			Date 3/13/0	5		
	4300 Wii	nfield Road, W			Sheet	1	of1	
2.	Plant	Byron Nuclea	Address ar Power Statio Name	on	Unit 01			
	4450 N. (	German Churc	h Road, Byron Address	, IL	Work Order N Repai		1 <b>05-01</b> n, P.O. No., Job No.,	etc.
3.	Work Per	formed by _	N P S & W VEN Name		Type Code Syr Authorization N	,	Not Applie	cable
	555 S. Jo	liet Rd, Boling	brook, IL 6044 Address	0	Expiration Date	Not A	pplicable	
4.	Identificat	ion of System	ESSENTIAL	SERVICE WA	TER			
5.	(a) Appli	cable Construct	tion Code AS	SME Section III	19 74 Edition,	W75 Add	enda, 1567, 1682	Code Case
6.	(c) Section	on XI Code Cas	ses used,	N-416-2	or Replacement			9
	lame of mponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6", 150		ANCHOR DARLING	E-6220-5-1	N/A	1SX173	1978	Replaced	YES
VAVLE 6", 150	E, GATE, )#	FLOWSERVE	AX-283	N/A	1SX173	2005	Replacement	YES

7. Description of Work INSTALLED VALVE (PIPE ENDS WERE NOT USED)

8.	Test Conducted:	Hydrostatic	] Pn	ieumatic 🗌		Nominal Operating P	ressure	$\boxtimes$
		Other 🗌 🛛 P	ressure	52	nsi	Test Temp	71	ᅂᄃ

**Note:** Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8\frac{1}{2}$  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-2 (Back)

	Remarks	Work Order No. 00608705-01	
		Applicable Manufacturer's Data	a Reports to be attached
		CERTIFICATE OF COMPLIA	ANCE
е	certify that the	statements made in the report are correct and this	REPLACEMENT conform to the
	÷	Code, Section XI.	repair or replacement
	e Code Symbol		pplicable
•	ificate of Autho		Applicable
	ned A	SAA	Date 3/25 , 20 05
יפ	100 - (1)	Owner or Owner's Designee, Title	,==,==
V 0	ressel Inspector f <u>Hartford, C</u>	T have inspected the components described in the to $3/25/05$ , and state that to the best of	and employed by <u>HSB CT</u> his Owner's Report during the period of my knowledge and belief,
	•	erformed examinations and taken corrective measure	
	•	ance with the requirements of the ASME Code, Sec	
		ertificate neither the Inspector nor his employer mak	
	•	ing the examinations and corrective measures descr they the inspector per his employer shall be liable in	
		ther the Inspector nor his employer shall be liable in	
In	jury or property	damage or a loss of any kind arising from or conner	
	Hennell	Commissions Na	112-1254 ational Board, State Province, and Endorsements
	A		anonar Boara, otale i romnoe, and Endoisentents
D	ate: <u>71111</u>	<u>Ma 25</u> , 20 <u>05</u>	
		· · · · · · · · · · · · · · · · · · ·	

(Final)

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

1.	Owner	Exelon Nucle			Date <u>3/13/05</u>	5		
	4300 Wir	nfield Road, W	Name arrenville. IL		Sheet	1	of 1	
-	4000 111	mora ricult, er	Address				<u> </u>	
2.	Plant	Byron Nuclea		n	Unit 01			
	4450 N 0	German Churc	Name h Road, Byron	. 11.	Work Order No	006087	09-01	
-	4400 11. 0		Address				n, P.O. No., Job No.,	etc.
3.	Work Per	formed by	N P S & W VEN	ITURE	Type Code Sym	hol Stamr	Not Applic	ahla
5.			Name		Authorization No	•	Applicable	
		liet Rd, Boling	brook, IL 6044	0	Expiration Date	Not A	pplicable	
_	(See Rem	arks)	Address				·	
				050105100				
4.	Identificat	ion of System	ESSENTIAL	SERVICE WA	VALVE			
5.	(a) Applic	cable Construct	ion Code AS					Code Case
	(b) Applic	cable Edition of	Section XI Litili		E 19 74 or Replacement (	S75 Componer	1682 nts 19 8	c
		on XI Code Cas		N-416-2	or replacement	componer		<i>.</i>
6.	Identificati	on of Compone	nts Repaired or	Replaced and	Replacement Cor	mponents	, , , , , , , , , , , , , , , , , , ,	
		1	T	T	T	T	T	ASME
	•			National			Repaired, Replaced,	Code Stamped
	ame of nponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	or Replacement	(Yes or No)
/ALVE	, GATE,	ANCHOR	E-6220-5-2					2
5", 150 /AV/LE	# , GATE,	DARLING FLOWSERVE	AX-282	N/A	1SX178	1978	Replaced	YES
5", 150				N/A	1SX178	2005	Replacement	YES
" PIPE		SOUTHWEST	SX-57-2		1SXA9A-6"			
" PIPE		FABRICATING FLOWSERVE	HT: 20927-1	N/A		1979	Replaced	YES
FIFE		LOWGERVE		N/A	1SXA9A-6"	2005	Replacement	YES
						-		
7 F	Description		EPLACE VALV		ru B			
7. C	Jescription		LI LAUE VALVI	- AND FIFE OI				
				D				
3. T	Fest Condu	•		Pneumatic			ing Pressure	_
		Other	Pressur	e <u>52</u>	psi Test	Temp.	71 °	F

**Note:** Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ 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-2 (Back)

# 9. Remarks Work Order No. 00608709-01

Applicable Manufacturer's Data Reports to be attached REPLACEMENT VALVE AND PIPE STUB ASSEMBLY FABRICATED BY FLOWSERVE CORPORATION

1900 S. SAUNDERS ST., RALEIGH, NC, 27603, N-CERTIFICATE STAMP, AUTHORIZATION No. N-1562

### **EXPIRATION DATE 11/26/06**

CERT	FICATE OF COMPLIANCE	
We certify that the statements made in the rep	ort are correct and thisREPLACEMENT	conform to the
rules of the ASME Code, Section XI.	repair or replacement	
Type Code Symbol Stamp	Not Applicable	
Certificate of Authorization No.	Not Applicable	
Signed A SA RR	Cost Date 5/31	, 20 05
(Owner) or Owner's		
CERTIFICAT	E OF INSERVICE INSPECTION	
	on issued by the National Board of Boiler and Pres	sure
Vessel Inspectors and the State or Province	-	
•	nponents described in this Owner's Report during	
	d state that to the best of my knowledge and belief	• ,
	taken corrective measures described in this Owne	
Report in accordance with the requirements		10
•	or nor his employer makes any warranty, expresse	dor
, , , , , , , , , , , , , , , , , , , ,	rrective measures described in this Owner's Repo	
	nployer shall be liable in any manner for any perso	
•		lidi
injury or property damage or a loss of any ki	nd arising from or connected with this inspection.	
Junaller		d Endoroomente
Inspector's Signature	National Board, State Province, and	I Endorsements
Date:		

(Final)

WO 00608709-01 FORM N-5 CERTIFICATE HOLDERS' DATA REPORT FOR INSTALLATION OR SHOP ASSEMBLY OF NUCLEAR POWER PLANT COMPONENTS, SUPPORTS, AND APPURTENANCES\* As Required by the Provisions of the ASME Code, Section III, Division 1

					Pg. 1 of _2
1. Installed and certified	by Flowserve Co		S. Saunders St.,	Raleigh, NC 276	03
2. Installed for <u>Exel</u>		Chicago, IL 60680	ne and address of N or NA Certi	ificate Holder)	
3. Location of installation	Byron Station 4	450 N. German Ch	urch Rd. Byron, IL	, 61010	
. System identification	nuclear piping A	X282, AX283 04-30	659-03 REV. C N	<u>I/A N/A</u>	2005
, ASME Code, Section II	(system name) (C		(drawing no.) iter 1975		N/A
. N Certificate Holder ha	ving overall responsibil	(edition) ity Flowserve Cor	(addenda date) poration, 1900 S. S	Saunders St., Raleig	ch, NC 27603
. Nuclear components, p			(inclusion)		
NPT Certificate Holders					
Components:	(b) Name of Certificate				
(a) Comp. or Appurt. Valve	Holder Flowserve	(c) Serial No. AX282, AX283	(d) CRN No. N/A	(e) Nat'l. Bd. No. N/A	(f) Year Built 2005
Piping and part installat			. I		
(a) Piping or Part Subassembly	(b) Name of Certificate Holder	(c) Serial No.	(d) CRN No.	(E) Nat'l. Bd. No.	(f) Year Built — Parts Only
			- OR III		<u>-</u>
				1.	
Support installation:				"ATON OF	<u> </u>
-	(b) Name of	(d) Design I	Rent /linad	N/III	· · ·
		Serial No. Capac. Da	ta Sheet (e) CRN No	o. (f) Nat'l Bd. No.	(g) Year Built
			ta Sheet (e) CRN No	o. (f) Nat <sup>2</sup> l Bd. No.	(g) Year Built
			La Sheet (e) CRN No	(E) Nat'l. Bd. No.	(g) Year Built 
(a) Support No. Ce	rtificate Holder (c) :		La Sheet (e) CRN No	o. (f) Nat <sup>2</sup> i Bd. No.	(g) Year Built
(a) Support No. Ce	rtificate Holder (c) :	Serial No. Capac. Da	Spec. No.	(c) Dimensions	
(a) Support No. Ce	rtificate Holder (c) :	Serial No. Capac. Da			
(a) Support No. Ce	rtificate Holder (c) :	Serial No. Capac. Da	Spec. No.	(c) Dimensions	
(a) Support No. Ce	ding welding material:	Serial No. Capac. Da	Spec. No.	(c) Dimensions	
(a) Support No. Ce	ertificate Holder (c) : ding welding material: of Mfr. with: pocedure or Drawing No.	Serial No. Capac. Da (b) Material SA 106 Gr. B (h1	Spec. No. t. 20927-1)	(c) Dimensions 24" long 6" Dia. sc Prepared by	
(a) Support No. Ce	ertificate Holder (c) : ding welding material: of Mfr. with: pocedure or Drawing No.	Serial No. Capac. Da (b) Material SA 106 Gr. B (h1	Spec. No.	(c) Dimensions 24" long 6" Dia. sc Prepared by	
(a) Support No. Ce	with: c- valve & tubin	Serial No. Capac. Da (b) Material SA106 Gr. B (ht	Spec. No. t. 20927-1) Flowserve Corpor	(c) Dimensions 24" long 6" Dia. so Prepared by ation	- Overall chedule 40
(a) Support No. Ce	with: c- valve & tubin	Serial No. Capac. Da (b) Material SA106 Gr. B (ht	Spec. No. t. 20927-1)	(c) Dimensions 24" long 6" Dia. so Prepared by ation	- Overall chedule 40
(a) Support No. Ce	with: c- valve & tubin	Serial No. Capac. Da (b) Material SA106 Gr. B (ht	Spec. No. t. 20927-1) Flowserve Corpor	(c) Dimensions 24" long 6" Dia. so Prepared by ation	- Overall chedule 40
(a) Support No. Ce	with: c- valve & tubin	Serial No. Capac. Da (b) Material SA106 Gr. B (ht	Spec. No. t. 20927-1) Flowserve Corpor	(c) Dimensions 24" long 6" Dia. so Prepared by ation	- Overall chedule 40
(a) Support No. Ce	with: c- valve & tubin	Serial No. Capac. Da (b) Material SA106 Gr. B (ht	Spec. No. t. 20927-1) Flowserve Corpor	(c) Dimensions 24" long 6" Dia. so Prepared by ation	- Overall chedule 40

Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 1 through 4 on this Data Report is cluded on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

'98)

This form (E00025) may be obtained from the Order Dept., ASME, 22 paw Drive, Box 2300, Fairfield, NJ 07007-2300.

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FORM N-5 (Back - Pg. 2 of \_\_\_\_\_

Certificate Holder's Serial No. AX282, AX283

Countries J	CERTIFICATION OF DESIGN FOR PIPING SYSTEM
Contraction of the second	Design information on file at
SALE OF TAXABLE PARTY.	Design report on file at
BRAND P. T.S 4022.2	Design report on file at
and a start of the second	Design report certified by Reg. no
1111111111	Design conditions of pressure piping psi. Temp °F.
Ĩ	CERTIFICATE OF INSTALLATION COMPLIANCE
	We certify that the statements made in this report are correct and that this installation conforms to the rules for construction of the ASME Code, Section III, Division 1, and was performed in accordance with the documents listed in 8 above.
	N or NA Certificate of Authorization No Expires
	Date Name Signed Signed
$\left  \right $	CERTIFICATE OF INSTALLATION INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province
I I I	state that to the best of my knowledge and belief, the Certificate of Authorization Holder has performed this installation in accordance with the ASME Code, Section III, Division 1. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the installation described In this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage for a loss of any kind arising from or connected with this inspection.
	Date Signed (Authorized Nuclear Inspector) Commissions [Nat'l. Bd. (incl. endorsements) and state or prov. and no.]
F	CERTIFICATE OF COMPLIANCE FOR OVERALL RESPONSIBILITY
tł	ollowing completion of the above, the Certificate of Authorization Holder accepting overall responsibility for the piping system shall complete ne following statement: Ve certify that the statements made by this report are correct and that the piping system conforms to the rules for construction of the ASME
С	ode, Section III, Division 1.
N	ate 2/23/05 Name Flowserve Signed Witter Signed Letteristerio
<u> </u>	
	CERTIFICATE OF INSPECTION
of	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province <u>North Carolini</u> and employed by <u>Hartford, CT</u> have inspected the piping system described in this Data Report on2/23/05 and
sta Se	ate that to the best of my knowledge and belief, the Certificate Holder has constructed this piping system in accordance with the ASME Code,
in	signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the piping system described this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage a loss of any kind arising from or connected with this inspection.
Da	te 2/23/05 Signed Mark. M. Huic Commissions NB 7531 A.N.I. C. NC 1435 (Authorized Nuclear Inspector) Commissions (Natl. Bd. (incl. endorsements) and state or prov. and no.]
	<u>= 109881</u> 5

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

	mer <u>Exelon Nuc</u>	Name		Date 2/24/04			
<u>430</u>	00 Winfield Rd. V	Address	0555	Sheet 1 of	1		
. Pla	nt Byron Nuclea			Unit <u>01</u>			
445	0 N. German Ch		on, Il.	Work Order No. 00	624836-0	1	
	rk Performed by 0 N. German Chu	Name	Ι	Rep Fype Code Symbol S Authorization No. <u>Ne</u> Expiration Date No	tamp No	able	
		Address	SERVICE WATER	-			
(a)	Applicable Const	ruction Code Sec	tion III 19_74	_ Edition, <u>S75</u> Ao			Code Case
(c) .	Applicable ASME	Section XI Code	Cases: <u>N-416-</u> 2	2			
Iden Name of	tification of Comp	Manufacturer	or Replaced and Re	Diacement Componer	Year	Repaired, Replaced,	ASME Code; Stamped
Iden Name of Component PIPE TO	tification of Comp	onents Repaired	or Replaced and R	blacement Compone			
Iden Name of Component PIPE TO DUCER WEL PIPE TO	tification of Comp Name of Manufacturer EXELON D EXELON	onents Repaired	or Replaced and Re	Diacement Component	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
Iden Name of Component PIPE TO DUCER WEL PIPE TO	tification of Comp Name of Manufacturer EXELON D EXELON	Manufacturer Serial No.	or Replaced and Rep National Board No.	Other Identification	Year Built 2002	Replaced, or Replacement REPLACED	Code; Stamped (Yes or No) NO
Iden Name of Component PIPE TO DUCER WEL PIPE TO	tification of Comp Name of Manufacturer EXELON D EXELON	Manufacturer Serial No.	or Replaced and Rep National Board No.	Other Identification	Year Built 2002	Replaced, or Replacement REPLACED	Code; Stamped (Yes or No) NO
Iden Name of Component PIPE TO DUCER WEL PIPE TO	tification of Comp Name of Manufacturer EXELON D EXELON	Manufacturer Serial No.	or Replaced and Rep National Board No.	Other Identification	Year Built 2002	Replaced, or Replacement REPLACED	Code; Stamped (Yes or No) NO
Iden Name of Component PIPE TO DUCER WEL PIPE TO	tification of Comp Name of Manufacturer EXELON D EXELON	Manufacturer Serial No.	or Replaced and Rep National Board No.	Other Identification	Year Built 2002	Replaced, or Replacement REPLACED	Code; Stamped (Yes or No) NO
Iden Name of Component PIPE TO DUCER WEL PIPE TO	tification of Comp Name of Manufacturer EXELON D EXELON	Manufacturer Serial No.	or Replaced and Rep National Board No.	Other Identification	Year Built 2002	Replaced, or Replacement REPLACED	Code; Stamped (Yes or No) NO
Iden Name of Component PIPE TO DUCER WEL PIPE TO	tification of Comp Name of Manufacturer EXELON D EXELON	Manufacturer Serial No.	or Replaced and Rep National Board No.	Other Identification	Year Built 2002	Replaced, or Replacement REPLACED	Code; Stamped (Yes or No) NO
Iden Name of	tification of Comp Name of Manufacturer EXELON D EXELON	Manufacturer Serial No.	or Replaced and Rep National Board No.	Other Identification	Year Built 2002	Replaced, or Replacement REPLACED	Code; Stamped (Yes or No) NO

7.	Description of Work	CUT PIPE FOR INTERNAL INSPECTION AND RE-WELD SAME PIPE BACK INTO PLACE
	-	

8.

Other 🗌

Hydrostatic 
Pneumatic 
Nominal Operating Pressure

 $\boxtimes$ 

°F

Pressure 98 psi Test Temp. 74

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.

This form has been electronically generated.

Test Conducted: