ENCLOSURE 2

Supplement to Inservice Inspection Reports Unit 1 Refueling Outages Seven and Eight, Unit 2 Refueling Outage Nine, and Unit 3 Refueling Outages Seven and Eight

PALO VERDE NUCLEAR GENERATING STATION

Attachment 1 – Supplement to Unit 1 Refueling Outage Seven Summary Report

Attachment 2 - Supplement to Unit 1 Refueling Outage Eight Summary Report

Attachment 3 - Supplement to Unit 2 Refueling Outage Nine Summary Report

Attachment 4 - Supplement to Unit 3 Refueling Outage Seven Summary Report

Attachment 5 - Supplement to Unit 3 Refueling Outage Eight Summary Report

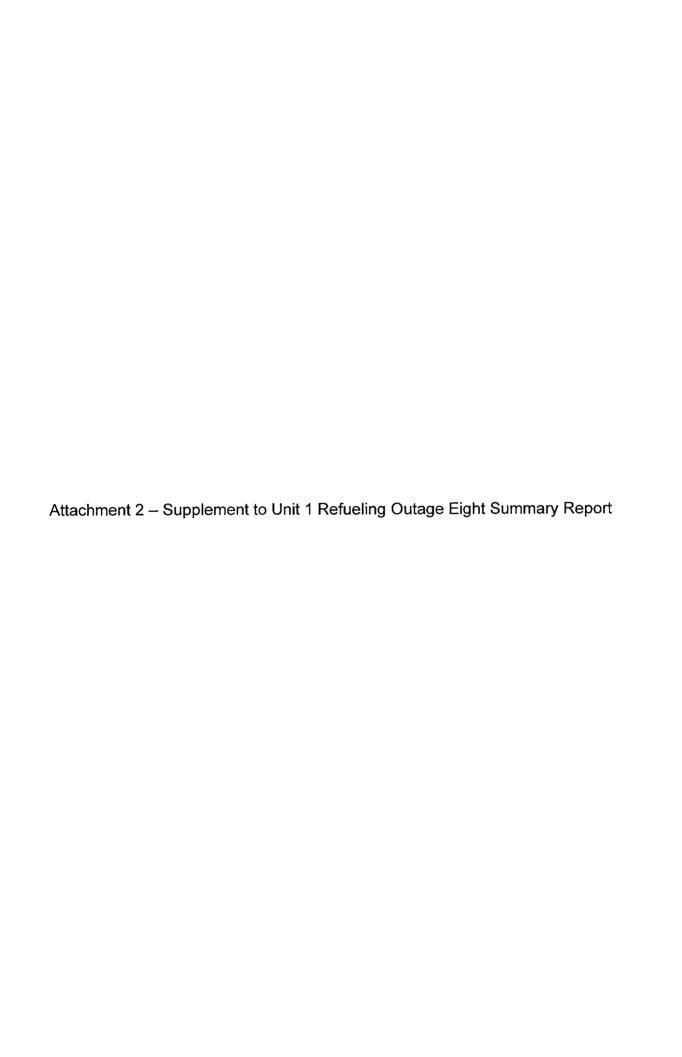


	ASME SECTIO	N XI - REPAIR/RI	EPLACEMENT	
1. Component ID 1HP0	03H00J	2. Code Clas	SECTION III Subsect	ion NF Class 2
3. Item Description 1/4				· · ·
4 N-5 Package Number	1HP01-1	5. W.O. Num	ber 1113960	
6 Original Construction	Code Edition 1974 EDI	<u> </u>	975 ADDENDA	
7. Original Installation C	ode Edition 1974 EDITI	ON THRU WINTER 19	75 ADDENDA	
8. Work Description Re				
9. 🔲 ISI Flaw	NDE Me	thod of Flaw Detection _		
			1.4450	
10. Evaluation of the sui	itability of this work as pe	r the requirements of IAV	/-4150. like renlacement	
Not a failure. Char	iged for precautionary me	easures. This is a like for		
		2		
11. Repair/Replacemen	t Work Organization AP	5 - 1074 EDI	TION THRII WINTER	1975 ADDENDA
12. Replacement Item C	Construction or reconciled	Code/Edition 1974 EDI	NEW THRU WITTER 107	SADDENDA
13. Repair/Replacemen	t Activity Construction Co	de/Edition 1974 EDITIO	N THRU WINTER 197	3 ADDENDA
14. ASME Section XI Co	ode/Edition 1992 Edition	n and 1992 Addenda		
15. Preservice Inspecti	on Required.	☐ YI	ES 🗹 NO	·
Du14 3-8 21	If required, include	a step in the W.O. to per	form Preservice Inspecti	on.
16. ASME Section XI P	and the second s	☐ YI	<u></u>	
Day 4 3-8-20	/ If required, include	a step in the W.O. for ISI	& ANII Inspection.	
Initial Date	عر ارسے 17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	sing the component.
Initial Date	18. Include a step	in the W.O. to record bel	ow all applicable number	s for repaired or
Initial Date	replacement is	tems.	HEAT NO.	MR/ROS NO.
ITEM I.D.	PART NO. N/A	SERIAL NO. 18839	N/A	N/A
1HP003H00J	IWA			
	h M.			
19. Planner Dan	Des Soult	Print l	Name David Goodlet	
20. ISI Engineer	Signature days	1 1 .	Name R. P. C	INDAP
2-	Signature)	3-23-0(Print	Name Robert Hogstrem	
21. ANII	(Signature	Date Print		7302.97717

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 _____ Unit ______1 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1113960 Work Order Number 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None N/A Authorization No. 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "HP" Hydrogen Recombiner 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Year Other Manufacturer National Stamped Name of Name of Board No. Identification Built (Yes or No) Manufacturer Serial No. Replacement Item Replacement Yes 1981 1HP003H00J N/A 18839 Pacific Scientific 1/4 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) N-416-1 Pneumatic Nominal Operating Pressure Exempt 1 8. Test Conducted: Hydrostatic Test Temp. Pressure psi Other 🔲 NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in.,

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 6 1/2 x 1 1 1/2 (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.

lemarks	WO#1113960 Removed snubber Serial number 6191 and replaced it with serial number 18839
	CERTIFICATE OF COMPLIANCE
of the A	fy that the statements made in the report are correct and this replacement conforms to the rules SME Code, Section XI.
	te of Authorization No. IV/A Expiration Date N/A September 15 I Engineer Date 6/1/2001 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse
Inspected of <u>H</u> the peri	ors and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u> artford, Connecticut, have inspected the components described in this Owner's Report during od <u>3-23-0\</u> to <u></u>
Inspector of H the periphelief, t Report By sign concern neither	artford, Connecticut , have inspected the components described in this Owner's Report during od 3-23-0\ to, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. In this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied in the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property eror a loss of any kind arising from or connected with this inspection.
Inspector of H the periphelief, t Report By sign concern neither	ors and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut , have inspected the components described in this Owner's Report during od 3-23-0\ to, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. In this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied in the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property



	ASME SECTION	ON XI - REPAIR/R	REPLACEMENT	
1. Component ID 1CH		2. Code Cla	ss <u>SECTION III Subse</u>	ction NF Class 3
3. Item Description 1 K		E M/O Nice	nher 1172220	
4. N-5 Package Number	r <u>ICH12-3</u>	5. W.O. Nur	1975 ADDENDA	
		ION THRU WINTER 19		
8. Work Description Re	place Shubber			
a Chick Flow	NDE M	ethod of Flaw Detection		
9. 🔲 ISI Flaw	NOL III			
10 Evaluation of the su	itability of this work as pe	er the requirements of IAV		
Not a failure. Chan	ged for precautionary me	easures. This is a like for	like repalcement	-
11. Repair/Replacemen	t Work Organization AP	S		
12. Replacement Item C	construction or reconciled	Code/Edition 1974 EDI	TTION THRU WINTER	1975 ADDENDA
13. Repair/Replacement	t Activity Construction Co	ode/Edition 1974 EDITIO	ON THRU WINTER 19	75 ADDENDA
	ode/Edition 1992 Editio			
15. Preservice Inspection	•		es 🗹 NO	
Dung 3-8-20	≥// If required, include	e a step in the W.O. to pe	rform Preservice Inspect	ion.
16. ASME Section XI Pr			ES 🗹 NO	
		a step in the W.O. for IS		
Initial Date	· · · · · · · · · · · · · · · · · · ·	in the W.O. to complete		asing the component.
Initial Date	リ 18. Include a step	in the W.O. to record be		
Initial Date	replacement i	tems.	HEAT NO.	MR/ROS NO.
ITEM I.D.	PART NO. N/A	SERIAL NO. 5348	N/A	N/A
1CH285H00E	IV/A.	3346		
	1 10/			
19. Planner Dans	Signature Signature	3-8-200 Print I	Name David Goodlet	
20. ISI Engineer	\$ do day	- 1- 1	Name R.P.	INDAP
21. ANII 25 L	y Augstrone	3-23-ct Print	Name Robert Hogstram	·
	(Signature	Data		

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner <u>Arizona</u> I	Public Service Cor	npany, et. al.			Date		02/16/01	
P.O. Box	53999. Phoenix. A		-2034		Sheet	1	of	2
2. Plant Palo Vero	de Nuclear Genera	ting Station			Unit		11	
5801 S. V	Vintersburg Rd., T	ame 'onopah, Arizo	na 85354-	<u>7529</u>			1172220 Work Order Number	
								None
3. Work Performed by	Arizona Public S	Service ame		-		•	nbol StampN	
E001 C T	Vintambura Naad	Tononah A ===	ona 9525/i	752			o. <u>N/</u> N/	
2801 S V	Vintersburg Road,	1 onopan Ariz	OHA 03334	-134	_ Expiratio	n Date	14/2	
4. Identification of Sys	stem "CH" Cha	rging						
5. (a) Applicable Con	nstruction Code Subs	ect. NF Class	3 1974 E	Edition	, W'75	Adde	nda,	Code Case
	tion of Section XI Utiliz							
(b) Applicable Edit	NOTE OF COUNTY AT CHIEF	.c.a ioi i iopuno oi				,		
6. Identification of Co	mponents Repaired or	r Replaced and R	eplacement (Compo	onents			
Name of		Manufacturer	National	C	Other	Year	Repaired or	ASME Code Stamped
ltem	Manufacturer	Serial No.	Board No.	Iden	titication		or Replacement	(Yes or No)
l Kip Snubber	Pacific Scientific	5348	N/A	1CH	285H00E	1979	Replacement	Yes
			·					
	į					.		
	-							
	. Ca.Ll D 1	omant (No W	aldina)					
7. Description of Wor	k Snubber Replac	ement (No We	armink)					
8. Test Conducted:	Hydrostatic F	Pneumatic 🔲	Nominal Op	erating	Pressure		Exempt 🗹	N-416-1 🛄
	Other [Pressure	psi			Test T	emp.	°F
							v 21 F	
(2) information in it	ntal sheets in form of tems 1 through 6 on ets is recorded at th	this report is in	cluded on e	s may ach si	be used heet, and	, provi (3) ea	ded (1) size is ach sheet is nui	8 1/2 x 11 in., mbered and

emarks	WO#1172220 Removed snubber Serial number 5596 and replaced it with serial number 5348
	CERTIFICATE OF COMPLIANCE
	ify that the statements made in the report are correct and this replacement conforms to the rule SME Code, Section XI.
Type Co	ode Symbol Stamp N/A
Certifica	te of Authorization No. N/A Expiration Date N/A
	OFFORDAR, ISI Engineer Date 6-01-200 gwner or Owner's Designee, Title
	Owner or Owner's Designee, Title
	Gwner or Owner's Designee, Title
	Gwner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I the ur	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vess.
I, the ur	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessors and the State or Province of Arizona and employed by HSBI & I CO.
I, the ur Inspects of <u>H</u>	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessions and the State or Province of Arizona and employed by HSBI & I CO. Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessions and the State or Province of Arizona and employed by HSBI & I CO. Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessions and the State or Province of Arizona and employed by HSBI & I CO. Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessions and the State or Province of Arizona and employed by HSBI & I CO. Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessions and the State or Province of Arizona and employed by HSBI & I CO. Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessions and the State or Province of Arizona and employed by HSBI & I CO. Indersigned, Arizona and Employed by Ariz
I, the ur Inspecto of <u>H</u> the peri	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessors and the State or Province of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of Arizona, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's
I, the ur Inspecto of <u>H</u> the peri belief, t Report	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessors and the State or Province of Arizona and employed by HSBI & I CO. Interpretation and the State of Province of Arizona and employed by HSBI & I CO. Interpretation and the Components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI.
I, the ur Inspecto of <u>H</u> the peri belief, t Report	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of In
I, the un Inspecto of H the peri belief, t Report By sign concern neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessors and the State or Province of Arizona and employed by HSBI & I CO. Interpretation and the State of Province of Arizona and employed by HSBI & I CO. Interpretation and the Components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI.
I, the un Inspecto of H the peri belief, t Report By sign concern neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessions and the State or Province of Arizona and employed by HSBI & I CO. Insertford, Connecticut have inspected the components described in this Owner's Report during a second second to Arizona, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. In this certificate, neither the Inspector nor his employer makes any warranty, expressed or implicating the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property error a loss of any kind arising from or connected with this inspection.
I, the un Inspecto of H the peri belief, t Report By sign concern neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessors and the State or Province of Arizona and employed by HSBI & I CO. Interford, Connecticut have inspected the components described in this Owner's Report during and a sequence of the Components of the Late that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. In this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property

	ASME SECTION	ON XI - REPAIR/R	EPLACEMENT	
1. Component ID 1SG1	00Н004	2. Code Cla	ss SECTION III Subse	ction NF Class 2
3. Item Description 1 K	IP SNUBBER			<u> </u>
4. N-5 Package Number	1SG02-1	5. W.O. Nur	nber <u>1172221</u>	
		ITION THRU WINTER		
7. Original Installation Co	ode Edition 1974 EDIT	TION THRU WINTER 19	75 ADDENDA	
8. Work Description Rep	palce Snubber	······································		· · · · · · · · · · · · · · · · · · ·
<u></u>				
9. 🔲 ISI Flaw	NDE M	ethod of Flaw Detection _		
		•	W 4150	·····
10. Evaluation of the suit	ability of this work as pend for precautionary m	er the requirements of IAV leasures. This is a like for	like repalcement	
Not a failule. Chan	ged for precautionary in	locasticos. A fine is a fine		
		og .		
11. Repair/Replacement			TION THRU WINTER	1975 ADDENDA
		d Code/Edition 1974 EDI		
		ode/Edition 1974 EDITIO	ON THRU WINTER 19	3 ADDENDA
14. ASME Section XI Co	de/Edition 1992 Edition			
15. Preservice Inspection	n Required.	Y		ion
Initial Date	If required, include	e a step in the W.O. to per	norm Freservice inspect	10(1)
16. ASME Section XI Pre		☐ Y		
May 3.3-20	/_ If required, include	a step in the W.O. for IS	& ANII Inspection.	
July 3-8-21	/ 17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	asing the component.
Initial J.8. Zie	/ 18. Include a step	in the W.O. to record bel	ow all applicable numbe	rs for repaired or
Initial Date	replacement i	SERIAL NO.	HEAT NO.	MR/ROS NO.
1SG100H004	N/A	4687	N/A	N/A
	· ·			
			·	
	. As I			
19. Planner Daud	Signature	3-3-202/ Print N	Name David Goodlet	
20. ISI Engineer	Signature Signature	3/23/61 Print N	Name R.P. I	NDAP
21. ANII 27.	, 7 J	3-23-01 Print f	Name Robert Hogstram	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 _____ Unit _____ 1 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1172221 Work Order Number 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None Authorization No. N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date "SG" Steam Generator 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Year Other Manufacturer National Stamped Name of Name of Board No. Identification Built Serial No. (Yes or No) Manufacturer Replacement Item Yes Replacement 1SG100H004 1978 4687 N/A 1 Kip Snubber Pacific Scientific 7. Description of Work Snubber Replacement (No Welding) Pneumatic Nominal Operating Pressure Exempt N-416-1 8. Test Conducted: Hydrostatic Test Temp. Pressure _____ psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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	WO#1172221 Removed snubber Serial number 14491 and replaced it with serial number 4687
	CERTIFICATE OF COMPLIANCE
	by that the statements made in the report are correct and this replacement conforms to the rules repair or replacement.
Type Co	de Symbol StampN/A
	te of Authorization No. NA Expiration Date NA
Signed_	
	CERTIFICATE OF INSERVICE INSPECTION
I, the un	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel rs and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>
of <u>Ha</u> the period belief, th	rtford, Connecticut , have inspected the components described in this Owner's Report during d 3-23-01 to 6-1-01 , and state that to the best of my knowledge and e Owner has performed examinations and taken corrective measures described in this Owner's accordance with the requirements of the ASME Code, Section XI.
concerni neither t	ng this certificate, neither the Inspector nor his employer makes any warranty, expressed or implie- ng the examinations and corrective measures described in this Owner's Report. Furthermore, he Inspector nor his employer shall be liable in any manner for any personal injury or property or a loss of any kind arising from or connected with this inspection.
	Commissions National Board, State, Province, and Endorsements
į	V
	6-1-01

	ASME SECTION	N XI - REPAIR/R	EPLACEMENT	
Component ID 1SIO7 Item Description 1 K		2. Code Cla	ss SECTION III Subsec	tion NF Class 2
	1SI06-1	5. W.O. Num	nber <u>1172222</u>	
& Original Construction	Code Edition 1974 EDI	TION THRU WINTER 1		
7 Original Installation C	ode Edition 1974 EDIT	ION THRU WINTER 19	75 ADDENDA	
8 Work Description Ret	place Snubber			
O. Work Decompaint 233				
9. 🔲 ISI Flaw	NDE Me	ethod of Flaw Detection _		
		•		<u> </u>
10. Evaluation of the sui	tability of this work as pe	r the requirements of IAV	V-4150. iko renoloement	
Not a failure. Chan	ged for precautionary me	asures. This is a like for l	ike reparcement	
11. Repair/Replacement	t Work Organization AP	S		
12. Replacement Item C	construction or reconciled	Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA
13. Repair/Replacement	Activity Construction Co	ode/Edition 1974 EDITIO	ON THRU WINTER 197	5 ADDENDA
14. ASME Section XI Co	ode/Edition 1992 Edition	n and 1992 Addenda		
15. Preservice Inspection	on Required.	☑ Y		
Denty 3.3-21	If required, include	e a step in the W.O. to per	form Preservice Inspect	ion.
16. ASME Section XI Pr	essure Test Required	□ YI	ES 🗹 NO	
		a step in the W.O. for IS	& ANII Inspection.	
Initial Date	ーー さ/ 17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	asing the component.
Initial Date		in the W.O. to record bel		
Initial Date	replacement i	tems.	HEAT NO.	MR/ROS NO.
ITEM I.D.	PART NO. N/A	SERIAL NO. 20421	N/A	N/A
1SI078H005 TOP	N/A	2012		
		·		
	() () () ()			
19. Planner Line	Signature	3. S. LELI Print I	Name David Goodlet	
20. ISI Engineer	Findap	3-23-01 Print	Name K. P.	INDAP
21. ANII	Signature		Name Robert Hogstram	
21. ANII	Signature	Date		

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 2. Plant Palo Verde Nuclear Generating Station Unit 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1172222 Work Order Number None 3. Work Performed by Arizona Public Service Type Code Symbol Stamp Authorization No. N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date "SI" Saftey Injection 4. Identification of System 5. (a) Applicable Construction Code Subsect.NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Repaired **ASME Code** Year National Other Name of Manufacturer Name of Stamped Board No. Identification Built Serial No. Item Manufacturer (Yes or No) Replacement 1982 Replacement Yes 1SI078H005T 20421 N/A Pacific Scientific 1 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Pneumatic Nominal Operating Pressure Exempt N-416-1 8. Test Conducted: Hydrostatic Test Temp. Pressure psi Other T NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

Remarks	WO#1172222 Removed snubber Serial number 4479 and replaced it with serial number 20421
· · · · · · · · · · · · · · · · · · ·	CERTIFICATE OF COMPLIANCE
	ty that the statements made in the report are correct and this replacement conforms to the rules repair or replacement.
Type Co	de Symbol Stamp N. /A
Certifica	te of Authorization No. N/A Expiration Date N/A
Signed_	The state of the s
	CERTIFICATE OF INSERVICE INSPECTION
1 the up	
Inspecto	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesselrs and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>
Inspecto of <u>Ha</u> the period belief, th	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse
Inspecto of <u>Ha</u> the period belief, the Report in By significance reconcernine ther t	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u> rtford, Connecticut , have inspected the components described in this Owner's Report during to <u>C-1500</u> , and state that to the best of my knowledge and e Owner has performed examinations and taken corrective measures described in this Owner's

	ASME SECTI	ON XI - REPAIR/F	REPLACEMENT	
1. Component ID 1SG	103H006	2. Code Cla	ass <u>SECTION III Subse</u>	ection NF Class 2
3. Item Description 35		· .		
4. N-5 Package Numbe	r <u>1SG02-1</u>	5. W.O. Nu	mber 1172240	
6. Original Construction	Code Edition 1974 ED	DITION THRU WINTER	1975 ADDENDA	
7. Original Installation (Code Edition 1974 EDI	TION THRU WINTER 1	975 ADDENDA	
8. Work Description Re	place Snubber			
9. 🔲 ISI Flaw	NDE N	lethod of Flaw Detection		
9. La ISI Flaw	NDC N	•		
10. Evaluation of the su	itability of this work as p	er the requirements of IA		
		neasures. This is a like for		
11. Repair/Replacemen	t Work Organization A	PS		
12. Replacement Item C	Construction or reconcile	d Code/Edition 1974 ED	ITION THRU WINTER	1975 ADDENDA
13. Repair/Replacemen	t Activity Construction C	ode/Edition 1974 EDITIO	ON THRU WINTER 19	75 ADDENDA
14. ASME Section XI Co	ode/Edition 1992 Edition	on and 1992 Addenda	<u> </u>	
15. Preservice Inspecti	on Required.	Y		·
Deep G 3-8-20 Initial Date	L/ If required, includ	e a step in the W.O. to pe	erform Preservice Inspec	tion.
16. ASME Section XI P	ressure Test Required	☐ Y	res 🗹 No	
Dun (7 3.8-211	/ If required, include	e a step in the W.O. for IS	8 & ANII Inspection.	
	17. Include a ster	in the W.O. to complete	NIS-2 Form prior to release	asing the component.
Initial Date Duff 3.8-20		in the W.O. to record be	low all applicable numbe	ers for repaired or
Initiál Date	replacement PART NO.	SERIAL NO.	HEAT NO.	MR/ROS NO.
1SG103H006	N/A	3472	N/A	N/A
				<u> </u>
10 Planer Der	m Don't	3-8-242/ Print!	Name David Goodlet	
19. Planner	Signature	Date		T. 12:0
20. ISI Engineer	Signature Signature	3-23-01 Print I	Name	INDAP
21. ANII	•	3-23-01 Print	Name Robert Hogstram	
THE FORMATION A	Signature	Date		730P-9ZZ17

PV-E0093 Ver. 6

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

1. Owner <u>A</u>	rizona]	Public Service Con	npany, et. al.	•		Date		02/	16/01		
P	O. Box	53999, Phoenix.	Arizona 85072 ddress	-2034		Sheet_	1		of		
2. Plant P	alo Ver	de Nuclear Genera	ting Station			Unit			1		
5	801 S. V	Wintersburg Rd., T	ame 'onopah, Arizo	na 85354-	<u>7529</u>			1172 Work Order			
		A.	uuress			• .		ITOIN OILLE	· Manina		
3. Work Perl	formed by	Arizona Public S	Service			Type Co	de Syn	nbol Star	np	None	
		***	,,			Authoriza	ation N	o	N/	<u>'A</u>	
_5	801 S V	Vintersburg Road,	Tonopah Ariz	ona 85354-	-752	Expiratio	n Date		N/2	<u>A</u>	
ا معددات ا	lam - 4 0	HCCH Stoor	m Generator								
4. Identificat	ion of Sy	stem <u>50 btca</u>	Ovintator								
5. (a) Applic	able Cor	nstruction Code Subs	ect NF Class 2	? 19 <u>74</u> E	Edition,	, <u>W'75</u>	Adde	nda,		Code Case	
(b) Applic	able Edit	tion of Section XI Utiliz	ed for Repairs or	Replacemen	ts 19	92 Edit	ion, <u>]</u>	1992	_ Adden	ıda	
6. Identificat	ion of Co	mponents Repaired or	Replaced and R	eplacement (Compo	nents				•	
Name	of		Manufacturer	National		Other	Year	۰,	aired	ASME Cod Stamped	е
Item	- 1	Manufacturer	Serial No.	Board No.	Ident	ification	Built			(Yes or No)
35 Kip Sn	ubber	Pacific Scientific	3472	N/A	1SG1	103H006	1978	Replac	ement	Yes	
						-					
, , , , , , , , , , , , , , , , , , , 											
		-					<u> </u>				-
								 			_
					L		L	L		<u> </u>	-
7. Description	on of Wor	k Snubber Replace	ement (No We	lding)							
					.,						
8. Test Cond	ducted:	Hydrostatic P	neumatic 🔲	Nominal Ope	erating	Pressure		Exemp	ot 🗹	N-416-1 🔲	
		Other	Pressure	psi			Test Te	emp		_°F	
				_				_			
NOTE: C.	nnlemo-	ital sheets in form of	liste skatcher	or drawings	; mav	be used	provid	ded (1)	size is F	3 1/2 x 11 in	
(2) informa	tion in it	terns 1 through 6 on ets is recorded at the	this report is inc	cluded on ea	ach sh	neet, and	(3) ea	ich shee	et is nun	nbered and	:

	FORM NIS-2 (Back)
Remarks	WO#1172240 Removed snubber Serial number 9288 and replaced it with serial number 3472
	CERTIFICATE OF COMPLIANCE
	by that the statements made in the report are correct and this replacement conforms to the rules repair or replacement.
Туре Со	de Symbol StampN/A
	te of Authorization No. N/A Expiration Date N/A
Signed_	Rhodap, ISI Engineer Date 6-01-01 Jowner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
i, the und	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse
Inspecto of <u>Ha</u> the periodelief, the	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>
Inspecto of <u>Ha</u> the perio belief, th Report in By significancerni neither ti	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>

ASME SECTION XI - REPAIR/REPLACEMENT					
1. Component ID 1SG095H004 2. Code Class SECTION III Subsection NF Class 2 3. Item Description 1 KIP SNUBBER					
		5. W.O. Nur	5. W.O. Number <u>1184794</u>		
			HRU WINTER 1975 ADDENDA		
•		TON THRU WINTER 19			
		MOINTIMO WINTER			
8. Work Description Re	epiace Shubber				
9. ISI Flaw	NDE M	ethod of Flaw Detection _			
·		Report Number			
10. Evaluation of the su	itability of this work as pe	er the requirements of IAV	V-4150.		
Not a failure. Char	nged for precautionary m	easures. This is a like for	like repalcement		
	t Work Organization AF				
12. Replacement Item 0	Construction or reconciled	Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA	
13. Repair/Replacemen	t Activity Construction Co	ode/Edition 1974 EDITIO	ON THRU WINTER 19	75 ADDENDA	
14. ASME Section XI C	ode/Edition 1992 Editio	n and 1992 Addenda			
15. Preservice Inspecti		_	ES 🗹 NO		
Den G 3.8-24	c/ If required, include	e a step in the W.O. to pe	rform Preservice Inspect	ion.	
Initial Date	••••				
16. ASME Section XI P		_	ES 🗓 NO		
		a step in the W.O. for IS			
Prayly 3-8-2	17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	ising the component.	
May 3-8-1	ン 18. Include a step	in the W.O. to record bel	ow all applicable numbe	rs for repaired or	
Initial Date	replacement it	ems. SERIAL NO.	HEAT NO.	MR/ROS NO.	
ITEM I.D. 1SG095H004	PART NO. N/A	4794	N/A	N/A	
13009311004	10/21				
19. Planner Dans	Signature Signature	3-8-202/ Print N	Name David Goodlet		
20. ISI Engineer	Photolep Signature	3/23/01 Print 1	Name R·P·	INDAP	
OS ANII PAR	Signature	3-23-51 Print t	Name Robert Hogstram	·	
21. ANII 🐼 🗸	Signature	Date			

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of _____ Unit _____ 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1184794 Work Order Number None 3. Work Performed by Arizona Public Service Type Code Symbol Stamp Authorization No. N/A N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date "SG" Steam Generator 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Year Manufacturer National Other Name of Name of Stamped Board No. Identification Built Manufacturer Serial No. Replacement Item (Yes or No) 1SG095H004 Replacement Yes N/A Pacific Scientific 4794 1 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Exempt 🗹 N-416-1 Nominal Operating Pressure Pneumatic T 8. Test Conducted: Hydrostatic Test Temp. °F Pressure psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

Domorko	WO#1184794 Removed snubber Serial number 13917 and replaced it with serial number 4794
nemarks	WO#1104/77 Removed shadoot Serial manage 127
	CERTIFICATE OF COMPLIANCE
	tify that the statements made in the report are correct and this replacement conforms to the rules repair or replacement.
Type C	ode Symbol StampN_/A
مالاند د	Expiration Date N/A
L Centitic	
Signed	Remodal, ISI Engineer Date 6-01-01
Signed	Date 6-01-01 Dwner or Owner's Designee, Title
Signed	Remodal, ISI Engineer Date 6-01-01
Signed	Date 6-01-01 Dwner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION addresigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessee
I, the u	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel tors and the State or Province of Arizona and employed by HSBI & I CO.
I, the u	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel tors and the State or Province of Arizona and employed by HSBI & I CO. Itartford, Connecticut have inspected the components described in this Owner's Report during and state that to the best of my knowledge and
I, the uninspect ofI the per helief	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel tors and the State or Province of Arizona and employed by HSBI & I CO.
I, the uninspect of I the perbellef, Report By signonce the second secon	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel tors and the State or Province of Arizona and employed by HSBI & I CO. Iterational Connecticut In the inspected the components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's tin accordance with the requirements of the ASME Code, Section XI. In this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied the Inspector nor his employer shall be liable in any manner for any personal injury or property
I, the uninspect ofI the perbellef, Report By signonce neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesset tors and the State or Province of Arizona and employed by HSBI & I CO. Iteratford, Connecticut , have inspected the components described in this Owner's Report during indo 3-23-01 to 6-1-02 , and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. Ining this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied the inspector nor his employer shall be liable in any manner for any personal injury or property ge or a loss of any kind arising from or connected with this inspection.
I, the uninspect ofI the perbellef, Report By signonce neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel tors and the State or Province of Arizona and employed by HSBI & I CO. Itartford, Connecticut , have inspected the components described in this Owner's Report during find 3-23-01 to 6-1-00 , and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. Ining this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied the Inspector nor his employer shall be liable in any manner for any personal injury or property

ASME SECTION XI - REPAIR/REPLACEMENT					
1. Component ID 1SG		2. Code Cla	ss <u>SECTION III Subsec</u>	tion NF Class 2	
3. Item Description 10					
4. N-5 Package Numbe			5. W.O. Number <u>1184796</u>		
6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA					
7. Original Installation C	Code Edition 1974 EDIT	TON THRU WINTER 19	75 ADDENDA		
8. Work Description Re	place Snubber				
	No. 11	-th-d-f-Firm Detection			
9. 🔲 ISI Flaw	NUE M			•	
10 Evaluation of the su	itability of this work as De	er the requirements of IAV			
Not a failure. Char	nged for precautionary m	easures. This is a like for	like repalcement		
11. Repair/Replacemen	t Work Organization AF	PS			
12. Replacement Item C	Construction or reconciled	d Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA	
13. Repair/Replacemen	t Activity Construction Co	ode/Edition 1974 EDITIO	ON THRU WINTER 197	5 ADDENDA	
14. ASME Section XI Co	ode/Edition 1992 Editio	n and 1992 Addenda			
15. Preservice Inspecti	on Required.	☐ Y	ES 🗹 NO		
Denty 3-8-200	If required, include	e a step in the W.O. to pe	rform Preservice Inspecti	on.	
16. ASME Section XI Pr	ressure Test Required		es 🗹 no	•	
Prayly 3.8-20	(2) If required, include	a step in the W.O. for IS	I & ANII Inspection.		
Initial Date	2/ 17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	sing the component.	
initial Date	2/ 18. Include a step	in the W.O. to record be	low all applicable number	s for repaired or	
Initial Date	replacement i	tems. SERIAL NO.	HEAT NO.	MR/ROS NO.	
ITEM I.D. 1SG095H001	PART NO. N/A	13824	N/A	N/A	
15007511001					
	2001				
19. Planner David Goodlet Signature David Goodlet					
20. ISI Engineer	20. ISI Engineer Product 3/23/01 Print Name R.P. INDAP				
21. ANII 25.	Signature Date				
	Signature	Date			

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of _____ 2. Plant Palo Verde Nuclear Generating Station Unit _____ 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 3. Work Performed by Arizona Public Service Type Code Symbol Stamp Authorization No. _____N/A N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date "SG" Steam Generator 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Repaired ASME Code Year Manufacturer National Other Name of Name of Stamped Board No. Identification Built Manufacturer Serial No. Replacement Item (Yes or No) 1SG095H001 1982 Replacement Yes N/A Pacific Scientific 13824 10 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Exempt 🗸 N-416-1 Pneumatic Nominal Operating Pressure 8. Test Conducted: Hydrostatic Test Temp. _____°F Pressure psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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)
. Re	marks	WO#1184796 Removed snubber Serial number 4629 and replaced it with serial number 13824
Γ		CERTIFICATE OF COMPLIANCE
,		y that the statements made in the report are correct and this replacement conforms to the rules ME Code, Section XI.
T	уре Сос	ie Symbol Stamp N/A
c	ertificat	e of Authorization No. N/A Expiration Date N/A
s	igned <u></u>	Phodup, ISI Engineer Date 6-01-2001 Owner or Owner's Designee, Title
	- <u></u>	CERTIFICATE OF INSERVICE INSPECTION
in of th	spector Hat e perior elief, the	ersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessels and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u> tford, Connecticut, have inspected the components described in this Owner's Report during to <u>G-1-OV</u> , and state that to the best of my knowledge and Owner has performed examinations and taken corrective measures described in this Owner's accordance with the requirements of the ASME Code, Section XI.
ne	oncernir either th	g this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, ag the examinations and corrective measures described in this Owner's Report. Furthermore, e Inspector nor his employer shall be liable in any manner for any personal injury or property or a loss of any kind arising from or connected with this inspection.
		Commissions NB 9685 "N" "1" Az 264 Inspector's Signature Commissions National Board, State, Province, and Endorsements
	Date	6-1-01
L.		

ASME SECTION XI - REPAIR/REPLACEMENT					
1. Component ID 1SI2	39H003	2. Code Cla	ass SECTION III Subse	ection NF Class 2	
3. Item Description 10 KIP SNUBBER					
		5. W.O. Nu			
6. Original Construction	Code Edition 1974 ED	ITION THRU WINTER	1975 ADDENDA		
7. Original Installation (Code Edition 1974 EDIT	TION THRU WINTER 19	975 ADDENDA		
8. Work Description Re	place Snubber				
9. 🔲 ISI Flaw	NDE M	ethod of Flaw Detection	· · · · · · · · · · · · · · · · · · ·		
9. LI ISI FIAW	NOC III				
10. Evaluation of the su	itability of this work as p	er the requirements of IA\	W-4150 .		
Not a failure. Chai	nged for precautionary m	neasures. This is a like for	like repalcement		
		<u> </u>			
	t Work Organization Al				
		d Code/Edition 1974 ED			
		ode/Edition 1974 EDITIO	ON THRU WINTER 19	75 ADDENDA	
14. ASME Section XI C	ode/Edition 1992 Edition	on and 1992 Addenda	•		
15. Preservice Inspecti	on Required.	☑ Y	· ·		
District 3-8-24	If required, include	e a step in the W.O. to pe	rform Preservice Inspect	lion.	
16. ASME Section XI P		-	ES 🗹 NO		
T 1116		e a step in the W.O. for IS			
Mary 3.8.312		in the W.O. to complete			
Initial Date	18. Include a ster	o in the W.O. to record be	low all applicable numbe	ers for repaired or	
ITEM I.D.	PART NO.	SERIAL NO.	HEAT NO.	MR/ROS NO.	
1SI239H003	N/A	12045	N/A	N/A	
			·		
	A 101				
19. Planner	70000		Name David Goodlet		
20. ISI Engineer Produp 3/23/01 Print Name R. P. INDAP					
Signature J Date					
21. ANII Let Li Austre 3-23-01 Print Name Robert Hogstram Signature Date					

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 _____ Unit _____ 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None N/A Authorization No. 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date "SI" Safety Injection 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W175 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Year National Other Manufacturer Name of Stamped or Name of Board No. Identification Built Serial No. Manufacturer Replacement (Yes or No) Item 1981 Replacement Yes 1SI239H003 12045 N/A Pacific Scientific 10 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) N-416-1 Exempt Nominal Operating Pressure Pneumatic 8. Test Conducted: Hydrostatic Test Temp. Pressure psi Other 🔲 NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

Remarks	WO#1185196 Removed snubber Serial number 8750 and replaced it with serial number 12045
	CERTIFICATE OF COMPLIANCE
	fy that the statements made in the report are correct and this replacement conforms to the rules SME Code, Section XI.
Type Co	de Symbol Stamp N/A
Certifica	te of Authorization No.
Signed	Photogo ISI Engineer Date 6-01-01
	CERTIFICATE OF INSERVICE INSPECTION
i, the un	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse
inspector of <u>Harada</u> the period belief, the	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse ors and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO</u> . <a "="" 26<="" az.="" href="https://doc.org/artford.com/ar</td></tr><tr><td>Inspector of Hasthe period the period belief, the Report in By significancer neither</td><td>ors and the State or Province of <u>Arizona</u> and employed by <u>HSB1 & 1 CO.</u> <u>artford, Connecticut</u>, have inspected the components described in this Owner's Report during to <u>3-23-51</u> to <u>6-1-51</u>, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's n accordance with the requirements of the ASME Code, Section XI.</td></tr><tr><td>Inspector of Hasthe period the period belief, the Report in By significancer neither</td><td>artford, Connecticut , have inspected the components described in this Owner's Report during a 2-23-31 to, and state that to the best of my knowledge and ne Owner has performed examinations and taken corrective measures described in this Owner's necordance with the requirements of the ASME Code, Section XI. Ing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implieding the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property as or a loss of any kind arising from or connected with this inspection.</td></tr><tr><td>inspector of Harmonic Harmonic</td><td>artford, Connecticut , have inspected the components described in this Owner's Report during a 2-23-c1 to, and state that to the best of my knowledge a ne Owner has performed examinations and taken corrective measures described in this Owner's necordance with the requirements of the ASME Code, Section XI. Ing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implicing the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property e or a loss of any kind arising from or connected with this inspection. Commissions AB 9485 " n"="" td="">

ASME SECTION XI - REPAIR/REPLACEMENT					
Component ID <u>1SI078</u> Item Description <u>1 KI</u>		2. Code Cla	ss SECTION III Subse	ction NF Class 2	
4. N-5 Package Number <u>1SI06-1</u> 5. W.O. Number <u>1185198</u>					
6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA					
7. Original Installation Co	de Edition 1974 EDIT	ION THRU WINTER 19	75 ADDENDA		
8. Work Description Repa					
9. 🔲 ISI Flaw	NDE Me	thod of Flaw Detection _			
					
10. Evaluation of the suita	ability of this work as pe	r the requirements of IAV	V-4150.		
Not a failure. Change	ed for precautionary me	asures. This is a like for I	ike repalcement		
11. Repair/Replacement	Work Organization AP	<u>S</u>			
12. Replacement Item Co	nstruction or reconciled	Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA	
13. Repair/Replacement			ON THRU WINTER 19	75 ADDENDA	
14. ASME Section XI Cod	de/Edition 1992 Edition	and 1992 Addenda			
15. Preservice Inspection My 3-3-200 Initial Date		a step in the W.O. to per		ion.	
16. ASME Section XI Pre	ssure Test Required		ES 🗹 NO		
May 3-8-300	/ If required, include	a step in the W.O. for ISI	& ANII Inspection.		
Doelly 3.8-20	17. Include a step	in the W.O. to complete I	NIS-2 Form prior to relea	asing the component.	
Initial Date 18. Include a step in the W.O. to record below all applicable numbers for repaired or Initial Date replacement items.					
ITEM I.D.	PART NO.	SERIAL NO.	HEAT NO.	MR/ROS NO. N/A	
1SI078H005 BOTTOM	N/A	16773	N/A	NA	
	, <u>, , , , , , , , , , , , , , , , , , </u>				
	1 1/1/1/				
19. Planner Lace	K1/killy	38.24 Print N	Name David Goodlet		
20. ISI Engineer	Signature Photology Signature	1 1	Name R.P. I	NDAP	
21. ANII	A Agationa Signature	3-23-ot Print I	Name Robert Hogstmm		
				73DP-9ZZ17	

PV-E0093 Ver. 8

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 _____ Unit ______ 1 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None Authorization No. N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SI" Saftey Injection 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components **ASME Code** Repaired Year Other National Manufacturer Stamped Name of or Name of Built Replacement Board No. Identification Serial No. (Yes or No) Manufacturer Item Replacement Yes 1981 1ST078H005 N/A 16773 Pacific Scientific 1 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) N-416-1 Exempt 🗸 Nominal Operating Pressure 8. Test Conducted: Hydrostatic Pneumatic Test Temp. Pressure psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

emarks	WO#1185198 Removed snubber Serial number 4556 and replaced it with serial number 16773
	CERTIFICATE OF COMPLIANCE
We cert	fy that the statements made in the report are correct and this replacement conforms to the rules SME Code, Section XI.
Tyne C	ode Symbol StampN/A
	Expiration Date N/A
Cerunc	te of Authorization No. NA Phodap, ISI Engineer Date 6-01-01
Signed	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Inspector of <u>F</u>	ors and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO</u> . [artford, Connecticut], have inspected the components described in this Owner's Report during iod <u>3-23-01</u> to <u>6-1-01</u> , and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's
Laliat	in accordance with the requirements of the ASME Code, Section XI.
By sig	in accordance with the requirements of the ASME Code, Section XI. Ining this certificate, neither the Inspector nor his employer makes any warranty, expressed or implication of the examinations and corrective measures described in this Owner's Report. Furthermore, or the Inspector nor his employer shall be liable in any manner for any personal injury or property ge or a loss of any kind arising from or connected with this inspection. Commissions AB 9685 ~ " " Az . 264 National Board, State, Province, and Endorsements

1. Component ID ISG005H014 BOTTOM 2. Code Class SECTION III Subsection NF Class 2 3. Item Description 10 KIP SNUBBER 4. N-5 Package Number ISG02-1 5. W.O. Number 1185248 6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA 7. Original Installation Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA 8. Work Description Replace Snubber 9. ISI Flaw NDE Method of Flaw Detection Report Number 10. Evaluation of the suitability of this work as per the requirements of IAW-4150. Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
4. N-5 Package Number ISG02-1 5. W.O. Number 1185248 6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA 7. Original Installation Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA 8. Work Description Replace Snubber 9. □ ISI Flaw NDE Method of Flaw Detection Report Number 10. Evaluation of the suitability of this work as per the requirements of IAW-4150. Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA 7. Original Installation Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA 8. Work Description Replace Snubber 9. ISI Flaw NDE Method of Flaw Detection Report Number 10. Evaluation of the suitability of this work as per the requirements of IAW-4150. Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
7. Original Installation Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA 8. Work Description Replace Snubber 9. ISI Flaw NDE Method of Flaw Detection Report Number 10. Evaluation of the suitability of this work as per the requirements of IAW-4150. Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
8. Work Description Replace Snubber 9. ISI Flaw NDE Method of Flaw Detection Report Number 10. Evaluation of the suitability of this work as per the requirements of IAW-4150. Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
9. ISI Flaw NDE Method of Flaw Detection Report Number 10. Evaluation of the suitability of this work as per the requirements of IAW-4150. Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
9. ISI Flaw NDE Method of Flaw Detection Report Number 10. Evaluation of the suitability of this work as per the requirements of IAW-4150. Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
Report Number 10. Evaluation of the suitability of this work as per the requirements of IAW-4150. Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
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Not a failure. Changed for precautionary measures. This is a like for like repalcement 11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
11. Repair/Replacement Work Organization APS 12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
12. Replacement Item Construction or reconciled Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA 13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
13. Repair/Replacement Activity Construction Code/Edition 1974 EDITION THRU WINTER 1975 ADDENDA
14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda
15. Preservice Inspection Required. 15. Preservice Inspection Required, include a step in the W.O. to perform Preservice Inspection.
Initiat Date
16. ASME Section XI Pressure Test Required YES NO
If required, include a step in the W.O. for ISI & ANII Inspection.
Jaitial Date 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component. Jaitial Date Jaitial Date
Initial Date 18. Include a step in the W.O. to record below all applicable numbers for repaired or replacement items.
ITEM I.D. PART NO. SERIAL NO. HEAT NO. MR/ROS NO.
ISG005H014 BOTTOM N/A 4848 N/A N/A
19. Planner Signature Date Print Name David Goodlet
20. ISI Engineer Photograp 3/23/01 Print Name R. P. INDAP
Signature Date
21. ANII 3-23-01 Print Name Robert Hogstrem Signature Date

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 _____ Unit _____ 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1185248 Work Order Number 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None Authorization No. N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SG" Steam Generator 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Other Year Manufacturer National Name of Stamped Name of Board No. Identification Built Replacement Manufacturer Serial No. (Yes or No) Item Replacement Yes 1SG005H014B 1978 N/A 4848 Pacific Scientific 10 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Pneumatic Nominal Operating Pressure Exempt 🗸 N-416-1 8. Test Conducted: Hydrostatic Test Temp. Other 🔲 NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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	WO#1185248 Removed snubber Serial number 9154 and replaced it with serial number 4848
	CERTIFICATE OF COMPLIANCE
	ify that the statements made in the report are correct and this replacement conforms to the rules SME Code, Section XI.
Type Co	ode Symbol StampN/A
Certifica	ate of Authorization No. 11/A Expiration Date N/A
Signad	ate of Authorization No. N/A Expiration Date N/A Owner or Owner's Designee, Title Expiration Date 6-01-200
Signed	
	Owner or Owner's Designee, Title
	Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION
I the un	CERTIFICATE OF INSERVICE INSPECTION Indexsigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse
I, the un	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse for and the State or Province of Arizona and employed by HSBI & I CO.
I, the un	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse for and the State or Province of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by Arizona and employed by Arizona and employed in this Owner's Report during and state that to the best of my knowledge and
I, the un Inspecto of <u>Ha</u> the peri	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse for and the State or Province of Arizona and employed by HSBI & I CO. Insertford, Connecticut , have inspected the components described in this Owner's Report during od 3-23-01 to 6-01-01 , and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's
l, the un Inspecto of <u>Ha</u> the peri belief, the	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse for and the State or Province of Arizona and employed by HSBI & I CO. Insert ford, Connecticut, have inspected the components described in this Owner's Report during od 3-23-01 to 6-01-01, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI.
I, the un Inspecto of <u>Hi</u> the peri belief, the Report	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse ors and the State or Province of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. In artford, Connecticut and the components described in this Owner's Report during od 3-23-01 to 6-01-01, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI.
I, the un Inspecto of <u>Hi</u> the peri belief, th Report By sign concern neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesser ors and the State or Province of Arizona and employed by HSBI & I CO. Inartford, Connecticut have inspected the components described in this Owner's Report during od 3-23-01 to 6-01 holds and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. Ing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied in the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property
I, the un Inspecto of <u>Hi</u> the peri belief, th Report By sign concern neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse for and the State or Province of Arizona and employed by HSBI & I CO. Interferd, Connecticut , have inspected the components described in this Owner's Report during and S-23-01 to G-01-01 , and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. Interfered in this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied the examinations and corrective measures described in this Owner's Report. Furthermore,
I, the un Inspecto of <u>Hi</u> the peri belief, th Report By sign concern neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesser ors and the State or Province of Arizona and employed by HSBI & I CO. Insertional Connecticut have inspected the components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. Ingering this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied in the Inspector nor his employer shall be liable in any manner for any personal injury or property the or a loss of any kind arising from or connected with this inspection.
I, the un Inspecto of <u>Hi</u> the peri belief, th Report By sign concern neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesser ors and the State or Province of Arizona and employed by HSBI & I CO. Insertional Connecticut have inspected the components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. Ingering this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied in the Inspector nor his employer shall be liable in any manner for any personal injury or property the or a loss of any kind arising from or connected with this inspection.
I, the un Inspecto of <u>Hi</u> the peri belief, th Report By sign concern neither	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesser or and the State or Province of Arizona and employed by HSBI & I CO. Interpretation of Section of Inserting in this Owner's Report during on Section of Section of Section of Inserting in accordance with the requirements of the ASME Code, Section XI. In the Inspector nor his employer makes any warranty, expressed or implied in the Inspector nor his employer makes any warranty, expressed or implied the inspector nor his employer shall be liable in any manner for any personal injury or property the or a loss of any kind arising from or connected with this inspection. Commissions AS 9685 TO 18 AZ 264



ASME SECTION XI - REPAIR/REPLACEMENT						
1. Component ID 2SI09	92H002	2. Code Cla	ss <u>SECTION III Subse</u>	ction NF Class 3		
3. Item Description 1 KIP SNUBBER						
4. N-5 Package Number <u>2CH08-1B</u> 5. W.O. Number <u>234213</u>						
6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA						
7. Original Installation C	ode Edition 1974 EDIT	ION THRU WINTER 19	75 ADDENDA			
8. Work Description Re						
	the latest the same of the sam					
9. 🔲 ISI Flaw	NDE M	ethod of Flaw Detection _				
10. Evaluation of the su	itability of this work as pe	er the requirements of IAV casures. This is a like for I	like repalcement			
Not a failure. Chan	ged for precautionary in					
	A No. of Occasionation	96				
11. Repair/Replacemen	t Work Organization AF	Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA		
12. Replacement Item C	Construction or reconciled	Code/Edition 1974 EDITIO	NITUDII WANTER 19	75 ADDENDA		
		ode/Edition 1974 EDITIO	ON THRO WINTER 12	73 1100011011		
14. ASME Section XI Co	ode/Edition 1992 Editio		FS M NO			
15. Preservice Inspecti	on Required.	a step in the W.O. to per		tion		
Initial Date	If required, include	a step in the vv.o. to per	MONIN, reservice mopes			
16. ASME Section XI Pr		——————————————————————————————————————	ES 🗹 NO			
Interior Just Date		a step in the W.O. for IS				
May 3-8-2		in the W.O. to complete				
Initial Date	18. Include a step	in the W.O. to record bel	ow all applicable number	ers for repaired or		
Initial Date	replacement i	SERIAL NO.	HEAT NO.	MR/ROS NO.		
2SI092H002	N/A	4200	N/A	N/A		
10 Planes Par	my Donald	3-8-2121 Print!	Name David Goodlet			
Signature Date						
20. ISI Engineer Findap 3/23/01 Print Name R. T. INDAT						
21. ANII	7. 4 d + 323 col Print Name Robert Hogstram					
Signature Date						

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of _____ ____ Unit ____ 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 3. Work Performed by Arizona Public Service Type Code Symbol Stamp Authorization No. N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date "SI" Safety Injection 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 3 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Repaired ASME Code Year Manufacturer National Other Name of Name of Stamped Board No. Identification Built Serial No. Item Manufacturer (Yes or No) Replacement 1978 Replacement Yes 2SI092H002 4200 N/A Pacific Scientific 1 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Pneumatic Nominal Operating Pressure Exempt N-416-1 8. Test Conducted: Hydrostatic Test Temp. Pressure psi Other |

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

lemarks	WO#234213 Removed snubber Serial number 9373 and replaced it with serial number 4200
	CERTIFICATE OF COMPLIANCE
of the A	fy that the statements made in the report are correct and this replacement conforms to the rule Figure Code, Section XI. de Symbol Stamp
Type Co	de Symbol Stamp 147A Expiration Date N/A
Certifica	te of Authorization No. N/A Expiration Date N/A RPINDAR ISI Engineer Date 6-05-200 Owner or Owner's Designee, Title
Signed	(K) I LOGO / I DI BONG - DONG
	CERTIFICATE OF INSERVICE INSPECTION
î the un	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessi
f, the un	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u> perford. Connecticut have inspected the components described in this Owner's Report during
f, the un Inspecto of <u>Hi</u> the period	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessors and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut have inspected the components described in this Owner's Report during the State of the Components of Arizona and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's
f, the un Inspecto of <u>Hi</u> the period	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessions and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut, have inspected the components described in this Owner's Report during the following and state that to the best of my knowledge and
f, the un Inspecto of Ha the periodelief, the Report in By significancers	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessors and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut have inspected the components described in this Owner's Report during the State of the Components of Arizona and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's
f, the un Inspecto of Ha the periodelief, the Report in By significancers	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessors and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut, have inspected the components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's necordance with the requirements of the ASME Code, Section XI. Ing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implifying the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property

ASME SECTION XI - REPAIR/REPLACEMENT					
1. Component ID 2SI11	19H001	2. Code Cla	ss <u>SECTION III</u> Subse	ction NF Class 2	
3. Item Description 3 KIP SNUBBER					
4. N-5 Package Number	2SI06-4	5. W.O. Nun	nber 234291		
6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA					
		ION THRU WINTER 19			
8. Work Description Re					
	<u> </u>				
9. 🔲 ISI Flaw	NDE M	ethod of Flaw Detection _			
		•	W 4450		
10. Evaluation of the sui	itability of this work as pe	er the requirements of IAV easures.This a like for lik	v-4150. e renalcement		
Not a failure. Chan	iged for precautionary m	easures. I has a like for the	<u> </u>		
11. Repair/Replacement	t Work Organization AP	PS		1055 1 DDFND 1	
12. Replacement Item C	construction or reconciled	Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA	
13. Repair/Replacement	Activity Construction Co	ode/Edition 1974 EDITIO	ON THRU WINTER 197	5 ADDENDA	
14. ASME Section XI Co	ode/Edition 1992 Edition	n and 1992 Addenda			
15. Preservice Inspection	on Required.	☑ Y			
Jan 3.8-200	If required, include	e a step in the W.O. to per	rform Preservice Inspect	ion.	
16. ASME Section XI Pr	ressure Test Required	☐ Yi	ES 🗹 NO	2	
Drefs 3.8 26	If required, include	a step in the W.O. for IS	& ANII Inspection.		
Initial Date	17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	sing the component.	
Initial Date	i	in the W.O. to record bel			
Initial Date	replacement it	tems.			
ITEM I.D.	PART NO.	SERIAL NO.	HEAT NO. N/A	MR/ROS NO. N/A	
2SI119H001	N/A	20221	N/A	14/1	
		·			
19. Planner Dad	Kil Joeds		Name David Goodlet		
20. ISI Engineer Perdan 3/23/01 Print Name R.P. INPAP					
21 ANII /3	Signature)	3:23-01 Print	Name Robert Hogstram		
21. ANII Signature Date					

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999. Phoenix, Arizona 85072-2034 Sheet 1 of 2 2. Plant Palo Verde Nuclear Generating Station Unit _____ 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 234291 Work Order Number 3. Work Performed by Arizona Public Service Type Code Symbol Stamp N/A Authorization No. 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SI" Safety Injection 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Year National Other Manufacturer Stamped Name of Name of Board No. Identification Built Serial No. Replacement (Yes or No) Manufacturer Item Replacement Yes 1982 2SI119H001 N/A 20221 Pacific Scientific 3Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Pneumatic Nominal Operating Pressure Exempt N-416-1 8. Test Conducted: Hydrostatic Test Temp. Pressure psi Other [] NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

WO#234291 Removed snubber Serial number 7164 and replaced it with serial number 20221
CERTIFICATE OF COMPLIANCE
fy that the statements made in the report are correct and this replacement conforms to the rule report. SME Code, Section XI.
de Symbol Stamp N/A
te of Authorization No. N/A Expiration Date
RPINDAR, ISI Engineet Date 6-05-200 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vess rs and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>
rtford, Connecticut , have inspected the components described in this Owner's Report during described in the less of my knowledge and e Owner has performed examinations and taken corrective measures described in this Owner's accordance with the requirements of the ASME Code, Section XI.
ng this certificate, neither the Inspector nor his employer makes any warranty, expressed or impliing the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property or a loss of any kind arising from or connected with this inspection.
Text A Age from Commissions AB 96.85 "N" "1" Az - 26.4 Inspector's Signature National Board, State, Province, and Endorsements
6-5-01

ASME SECTION XI - REPAIR/REPLACEMENT				
1. Component ID 2SI12	29H012	2. Code Cla	ss <u>SECTION III Subsec</u>	tion NF Class 2
3. Item Description 3 K	IP SNUBBER			
4. N-5 Package Number 2SI07-10 5. W.O. Number 234409				
6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA				
7. Original Installation C	ode Edition 1974 EDIT	ION THRU WINTER 19	75 ADDENDA	
8. Work Description Re	place Snubber			
				· · · · · · · · · · · · · · · · · · ·
	NOE Mo	ethod of Flaw Detection _		
9. Si Flaw	MDE MG			
10. Evaluation of the sui	itability of this work as pe	r the requirements of IAV	V-4150.	·
Not a failure. Chan	ged for precautionary me	asures. This is a like for l	ike replacement	
11. Repair/Replacemen	t Work Organization AP	<u>S</u>		
12. Replacement Item C	Construction or reconciled	Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA
13. Repair/Replacement	t Activity Construction Co	de/Edition 1974 EDITIO	ON THRU WINTER 197	5 ADDENDA
14. ASME Section XI Co	ode/Edition 1992 Edition	n and 1992 Addenda		
15. Preservice Inspection	on Required.	Ø Y		
Initial Date	-	a step in the W.O. to per	rform Preservice Inspect	ion.
16. ASME Section XI P	ressure Test Required		ES 🖸 NO	
Driet 3.8-20		a step in the W.O. for IS		
		in the W.O. to complete		
Math 3-3.2	18. Include a step	in the W.O. to record bel	ow all applicable numbe	rs for repaired or
initial Date	replacement if	serial NO.	HEAT NO.	MR/ROS NO.
ITEM I.D. 2SI129H012	N/A	25362	N/A	N/A
20112711012				
	·			
	1 1 1 101			
19. Planner	Mil / Joseph J		Name David Goodlet	
20. ISI Engineer	Signature Pon Low	Date Date Print	Name R.P. I	NDAP
	Signature Street	/Date	Name Robert Hogstram	·
21. ANII	Signature	3-23-01 Print	Idelie Troport Tropordir	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 Unit _____ 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 3. Work Performed by Arizona Public Service Type Code Symbol Stamp Authorization No. N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SI" Safety Injection 4. Identification of System 5. (a) Applicable Construction Code Subsect, NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6, Identification of Components Repaired or Replaced and Replacement Components **ASME Code** Repaired Year Other Manufacturer National Name of Stamped Name of Board No. Identification Built Serial No. Manufacturer Replacement (Yes or No) Item Yes 1982 Replacement 2SI129H012 25362 N/A Pacific Scientific 3 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Pneumatic Nominal Operating Pressure Exempt N-416-1 8. Test Conducted: Hydrostatic Test Temp. Pressure psi Other [] NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

emarks	WO#234409 Removed snubber Serial number 7321 and replaced it with serial number 25362
	CERTIFICATE OF COMPLIANCE
	ify that the statements made in the report are correct and this replacement conforms to the rules SME Code, Section XI.
Туре Со	ode Symbol StampN/A
Certifica	ate of Authorization No. N/A Expiration Date N/A
Signed	Phodap, ISI Engineer Date 6-5-2001
	CERTIFICATE OF INSERVICE INSPECTION
Inspect of <u>H</u> the period the per	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesser ors and the State or Province of Arizona and employed by HSBI & I CO.
Inspect of H the peri belief, t Report By sign concer	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesser ors and the State or Province of Arizona and employed by HSBI & I CO. Interpretation and the State of Province of Arizona and employed by HSBI & I CO. Interpretation artford, Connecticut and the components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI.
Inspect of H the peri belief, t Report By sign concer	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesser ors and the State or Province of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of Arizona and employed by HSBI & I CO. Interpretation of Arizona and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI. Interpretation of the ASME Code, Secti

ASME SECTION XI - REPAIR/REPLACEMENT						
1. Component ID 2SG203H004 TOP 2. Code Class SECTION III Subsection NF Class 2						
3. Item Description 35 KIP SNUBBER						
		5. W.O. Nur	nber <u>235144</u>			
		TION THRU WINTER				
7. Original Installation C	Code Edition 1974 EDIT	ION THRU WINTER 19	75 ADDENDA			
8. Work Description Replace Snubber						
			<u> </u>			
9. 🔲 ISI Flaw	NDE MO	ethod of Flaw Detection		1		
10. Evaluation of the sui	itability of this work as of	er the requirements of IAV				
Not a failure. Chan	ged for precautionary me	easures. This is a like for	like repalcement			
			· · · · · · · · · · · · · · · · · · ·			
11. Repair/Replacemen	t Work Organization AP	S				
		Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA		
		de/Edition 1974 EDITIO				
· · · · · · · · · · · · · · · · · · ·	ode/Edition 1992 Edition		· .			
15. Preservice Inspection	on Required.	☐ Y	ES 🔃 NO	·		
Dung 3.3-202	/ If required, include	a step in the W.O. to per	form Preservice Inspect	ion.		
16. ASME Section XI Pr	ressure Test Required	□ YI	ES 🗹 NO			
10. ASIVIL SECTION XIII		a step in the W.O. for IS				
Initial Date	17. include a step	in the W.O. to complete	NIS-2 Form prior to relea	sing the component.		
Date 3-8-Zu	18. Include a step	in the W.O. to record bel	ow all applicable number	rs for repaired or		
Initial Date	replacement it		HEAT NO.	MR/ROS NO.		
ITEM I.D. 2SG203H004 TOP	PART NO. N/A	SERIAL NO. 12932	N/A	N/A		
25G203H004 TOP	N/A	12) 32				
19. Planner	m / Jane 3	-3-2001 Print N	lame David Goodlet			
A	Signature Date P. Thi DAP					
20. ISI Engineer	Signature	Date				
21. ANII	21. ANII Date Signature 3-73-01 Print Name Robert Hogstram Osignature Date					

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 _____ Unit _____ 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None Authorization No. 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SG" Steam Generator 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components **ASME Code** Repaired Other Year National Manufacturer Stamped Name of Name of Board No. Identification Built (Yes or No) Serial No. Replacement Manufacturer Item Yes Replacement 2SG203H004T 1983 N/A Pacific Scientific 12932 35 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) N-416-1 🗍 Pneumatic Nominal Operating Pressure Exempt 🗸 8. Test Conducted: Hydrostatic Test Temp. Pressure psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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	WO#235144 Removed snubber Serial number 6306 and replaced it with serial number 12932
•	
	CERTIFICATE OF COMPLIANCE
	ify that the statements made in the report are correct and this replacement conforms to the rules SME Code, Section XI.
	ode Symbol Stamp N/A
Certifica	te of Authorization No. N/A Expiration Date N/A
Signed	Owner or Owner's Designee, Title Date 6-05-200
	CERTIFICATE OF INSERVICE INSPECTION
I, the un	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel ors and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>
of <u>Hail</u> the period belief, the	artford, Connecticut , have inspected the components described in this Owner's Report during od 3-23-01 to 6-5-01 , and state that to the best of my knowledge and ne Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI.
By sign	ing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied in this Owner's Report. Furthermore,
concerr	the Inspector nor his employer shall be liable in any manner for any personal injury or property or a loss of any kind arising from or connected with this inspection.
concerr	the Inspector nor his employer shall be liable in any manner for any personal injury or property a or a loss of any kind arising from or connected with this inspection. Commissions NB 9685 "N" " " Az 264 National Board, State, Province, and Endorsements



ASME SECTION XI - REPAIR/REPLACEMENT					
1. Component ID 3SG2		2. Code Cla	ss SECTION III Subsec	tion NF Class 2	
3. Item Description 35 I					
4. N-5 Package Number <u>3AF02-2</u> 5. W.O. Number <u>1129067</u>					
6. Original Construction Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA					
7. Original Installation Code Edition 1974 EDITION THRU WINTER 1975 ADDENDA					
8. Work Description Rep	lace Snubber				
· 					
			· · · · · · · · · · · · · · · · · · ·		
9. 🔲 ISI Flaw	NDE Mo			5	
An mile street street	ability of this work as as	•	V-4150.		
10. Evaluation of the suit	ability of this work as pered for precautionary me	easures. This is a like for	like replacement		
1401 a famule. Chang	The second secon				
	Mode Organization AP	95			
11. Repair/Replacement	work Organization Ar	Code/Edition 1974 FDI	TION THRU WINTER	1975 ADDENDA	
12. Replacement Item Co	onstruction or reconciled	odo/Edition 1074 EDITTO	ON THRU WINTER 197	5 ADDENDA	
			ON THRU WINTER 197		
14. ASME Section XI Co			ro` Divo		
15. Preservice Inspectio	n Required.	Y contain the W.O. to per	-	on.	
Initial Date	r required, include	a step in the w.o. to per	rform Preservice Inspecti	····	
16. ASME Section XI Pre			ES 🗹 NO		
Ding 3-8-200	····	a step in the W.O. for IS		•	
			NIS-2 Form prior to relea		
Strift 3-3-21	2/ 18. Include a step	in the W.O. to record bel	low all applicable number	s for repaired or	
Initial Date	replacement in	SERIAL NO.	HEAT NO.	MR/ROS NO.	
3SG200H003 Top	N/A	6289	N/A	N/A	
19. Planner Dank	in Dunkt	3-8-21 Print!	Name David Goodlet		
20. ISI Engineer Signature 3/23/01 Print Name R.P. INDAP					
	Signature	Date	Name Dahart Haartman		
21. ANII	(Signature	Date Print I	Name Robert Hogstram		

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of _____ 2. Plant Palo Verde Nuclear Generating Station Unit _____ Unit _____ 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1129067 Mork Order Number 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None Authorization No. _____N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SG" Steam Generator 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components **ASME Code** Repaired Year National Other Manufacturer Stamped Name of or Name of Board No. Identification Built (Yes or No) Serial No. Replacement Manufacturer Item Yes 1980 Replacement 3SG200H003T 6289 N/A Pacific Scientific 35 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) N-416-1 Pneumatic Nominal Operating Pressure Exempt 🗸 8. Test Conducted: Hydrostatic Test Temp. °F Pressure psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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	WO#1129067 Removed snubber Serial number 9563 and replaced it with serial number 6289
	CERTIFICATE OF COMPLIANCE
	by that the statements made in the report are correct and this replacement conforms to the rules repair or replacement.
Type Co	de Symbol Stamp N/A
	e of Authorization No. N/A Expiration Date N/A
Signed]	HOODAY, IST Engineer Date 6-05-2001 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Inspecto	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel rs and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>
the perio	rtford, Connecticut , have inspected the components described in this Owner's Report during d 3-23-01 to 6-5-01 , and state that to the best of my knowledge and e Owner has performed examinations and taken corrective measures described in this Owner's
Report in	a accordance with the requirements of the ASME Code, Section XI.
concerni neither t	ng this certificate, neither the Inspector nor his employer makes any warranty, expressed or implie ng the examinations and corrective measures described in this Owner's Report. Furthermore, ne Inspector nor his employer shall be liable in any manner for any personal injury or property or a loss of any kind arising from or connected with this inspection.
	Commissions National Board, State, Province, and Endorsements
	V



ASME SECTION XI - REPAIR/REPLACEMENT					
1. Component ID 3PC)22H016	2. Code Cla	ss <u>SECTION III Subse</u>	ction NF Class 3	
3. Item Description 10					
4. N-5 Package Numbe		5. W.O. Nun			
6. Original Construction	Code Edition 1974 ED	ITION THRU WINTER	1975 ADDENDA		
7. Original Installation C	Code Edition 1974 EDIT	TION THRU WINTER 19	75 ADDENDA		
8. Work Description Re					
				<u> </u>	
9. 🔲 ISI Flaw	NDE M	ethod of Flaw Detection _			
10. Evaluation of the su	itability of this work as p	er the requirements of IAV	V-4150.		
Not a failure. Char	nged for precautionary if	neasures. This a like for like	ce replacement		
11. Repair/Replacemen	t Work Organization A	PS			
12. Replacement Item C	Construction or reconcile	d Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA	
13. Repair/Replacemen	t Activity Construction C	ode/Edition 1974 EDITIO	ON THRU WINTER 19	75 ADDENDA	
14. ASME Section XI Co	ode/Edition 1992 Edition	on and 1992 Addenda			
15. Preservice Inspecti	on Required.	☑ Y	ES 🔲 NO		
Initial 3-3-252		e a step in the W.O. to per	rform Preservice Inspect	ion.	
16. ASME Section XI P	ressure Test Required	☐ YI	ES 🗹 NO		
pry 3.8.00		e a step in the W.O. for IS	& ANII Inspection.		
Initial Bate 3-3-2	17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	asing the component.	
Initial Date	ーー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	in the W.O. to record bel	ow all applicable numbe	rs for repaired or	
Initial Date	replacement	items.		MR/ROS NO.	
ITEM I.D.	PART NO. N/A	SERIAL NO. 13086	HEAT NO. N/A	N/A	
3PC022H016	IV/A	15000			
, · · ·					
19. Planner	(M) John	3-3-22/ Print !	Name David Goodlet		
20. ISI Engineer	Signature	3/23/01 Print I	Name $\mathbb{R} \cdot \mathbb{P}$	INDAP	
R-	Signature A Physitian	Date 3-23-ot Print I	Name Robert Hogstram		
21. ANII	Signature	Date Print	Tanie Robert Hogerani		

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of _____ 2. Plant Palo Verde Nuclear Generating Station Unit ______ Unit _____ 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None Authorization No. N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "PC" Pool Cooling 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 3 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Year National Other Manufacturer Stamped Name of Name of Board No. Identification Built Serial No. (Yes or No) Replacement Manufacturer Item Yes 1982 Replacement 3PC022H016 13086 N/A Pacific Scientific 10 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Pneumatic Nominal Operating Pressure Exempt N-416-1 8. Test Conducted: Hydrostatic Test Temp. ____°F Pressure psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

Remarks	WO#1187145 Removed snubber Serial number 9680 and replaced it with serial number 13086
	CERTIFICATE OF COMPLIANCE
	ty that the statements made in the report are correct and this replacement conforms to the rules FME Code, Section XI.
Type Co	de Symbol StampN/A
	Expiration Date N/A
Certifica	te of Authorization No.
Certifica Signed_	Owner or Owner's Designee, Title
Certifica Signed _	Owner or Owner's Designee, Title Date 6-5-2001
Certifica Signed_	TSI Engineer Date 6-5-2001 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION
Signed	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO.
I, the un Inspecto	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut , have inspected the components described in this Owner's Report during and state that to the best of my knowledge and
I, the un Inspecto of Hathe period belief, the	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO.
I, the un Inspecto of Ha the period belief, the Report in By signic concerning neither	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut , have inspected the components described in this Owner's Report during and 3-23-01 to 6-5-01 , and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's
I, the un Inspecto of Ha the period belief, the Report in By signic concerning neither	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. Interford, Connecticut , have inspected the components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's naccordance with the requirements of the ASME Code, Section XI. In this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied ing the examinations and corrective measures described in this Owner's he Inspector nor his employer shall be liable in any manner for any personal injury or property

<u></u>	ASME SECTION	ON XI - REPAIR/R	EPLACEMENT	
1. Component ID 3SG		2. Code Cla	ss SECTION III Subse	ction NF Class 2
3. Item Description 1 K				
4. N-5 Package Number <u>3SG03-1</u> 5. W.O. Number <u>1187155</u>				
6. Original Construction	Code Edition 1974 ED	ITION THRU WINTER	1975 ADDENDA	
7. Original Installation (Code Edition 1974 EDIT	TION THRU WINTER 19	75 ADDENDA	
8. Work Description Re	emove snubber, test ,and	reinstall.		
· -				
9. 🔲 ISI Flaw	NDE M	ethod of Flaw Detection _		•
		• •	N 4150	
10. Evaluation of the su	litability of this work as po	er the requirements of IAV casures. This is a like for	V-415U. like renalcement	·
Not a failure. Char	iged for precautionary m	Cabulco, 11115 15 a like for	mes reputedment	
	nt Work Organization Al			
		d Code/Edition 1974 EDI		
		ode/Edition 1974 EDITIO	ON THRU WINTER 197	75 ADDENDA
14. ASME Section XI C	ode/Edition 1992 Edition	on and 1992 Addenda		
15. Preservice Inspecti	on Required.	☐ Y		
Initial Date	If required, include	e a step in the W.O. to pe	rform Preservice Inspect	ion.
16. ASME Section XI P	ressure Test Required	□ Y	ES 🖸 NO	
		a step in the W.O. for IS	& ANII Inspection.	
		in the W.O. to complete		asing the component.
Initial Date		in the W.O. to record be		
ITEM I.D.	PART NO.	SERIAL NO.	HEAT NO.	MR/ROS NO.
3SG095H004	N/A	4690	N/A	N/A
				-
				·
19. Planner	no Sould	3-8-240) Print!	Name David Goodlet	
15.1 KINIG	Signature	Date	•	TIDAP
20. ISI Engineer	Signature Signature	3/23/0/ Print I	Name	CHNU !!
21. ANII	- Li Agotion	3-23-01 Print l	Name Robert Hogstram	
ει. Λιτίι <u>χ</u>	Signature	Date		

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2 _____ Unit ______ 3 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1187155 Work Order Number 3. Work Performed by Arizona Public Service Type Code Symbol Stamp Authorization No. ____ N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SG" Steam Generator 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Year Manufacturer National Other Name of Name of Stamped Board No. Identification Built Serial No. Manufacturer (Yes or No) Item Replacement Replacement Yes 3SG095H004 1978 N/A 4690 1Kip Snubber Pacific Scientific 7. Description of Work Snubber Replacement (No Welding) Exempt N-416-1 Pneumatic Nominal Operating Pressure 8. Test Conducted: Hydrostatic Test Temp. °F Pressure psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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	WO#1187155 Removed snubber Serial number 21604 and replaced it with serial number 4690		
	CERTIFICATE OF COMPLIANCE		
	fy that the statements made in the report are correct and this replacement conforms to the rules SME Code, Section XI.		
Type Co	de Symbol Stamp		
Certifica	te of Authorization No. HA Expiration Date NA		
Signed_	OWNer or Owner's Designee, Title Date 6-5-2001		
<u> </u>			
	CERTIFICATE OF INSERVICE INSPECTION		
i, the un	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel ors and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>		
of Ha	artford, Connecticut , have inspected the components described in this Owner's Report during and 3-23-01 to 6-5-01 , and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's		
Report i	n accordance with the requirements of the ASME Code, Section XI.		
concern	ing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied thing the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property e or a loss of any kind arising from or connected with this inspection.		
	·		
	Commissions No. 9685 "N" 1" Az. 264 Inspector's Signature National Board, State, Province, and Endorsements		

	ASME SECTIO	N XI - REPAIR/R	EPLACEMENT	
1. Component ID 3SG0	95H008 EAST	2. Code Cla	ss <u>SECTION III Subse</u>	ction NF Class 2
3. Item Description 3 KI				
		5. W.O. Nun	nber <u>1187156</u>	
6. Original Construction	Code Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA	
7. Original Installation C	ode Edition 1974 EDIT	ION THRU WINTER 19	75 ADDENDA	
8. Work Description Rep				
9. 🔲 ISI Flaw	NDE Me	ethod of Flaw Detection _		
		•		
10. Evaluation of the suit	tability of this work as pe	r the requirements of IAV	V-4150.	
Not a failure. Chan	ged for precautionary me	easures. This is a like for	like replacement	
11. Repair/Replacement	Work Organization AP	<u>S</u>		
12. Replacement Item C	onstruction or reconciled	Code/Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA
13. Repair/Replacement	Activity Construction Co	de/Edition 1974 EDITIO	ON THRU WINTER 19	75 ADDENDA
14. ASME Section XI Co	ode/Edition 1992 Edition	n and 1992 Addenda		
15. Preservice Inspection	on Required.	☐ YI		
Design 3-8-2	If required, include	a step in the W.O. to per	rform Preservice Inspect	tion.
16. ASME Section XI Pro		☐ YI		
		a step in the W.O. for IS	& ANII Inspection.	:
Initial Date	2/ 17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	asing the component.
Initial Date	 2/ 18. Include a step	in the W.O. to record bel	ow all applicable numbe	rs for repaired or
Initial Date	replacement it	ems.		MR/ROS NO.
ITEM I.D.	PART NO.	SERIAL NO. 19440	HEAT NO. N/A	N/A
3SG095H008 EAST	N/A	19440	1071	2
				<u>.</u>
19. Planner Par	Day Dandet		Name David Goodlet	
	Signature Aug	3 (23/0) Print!	Name R.P. J	INDAP
20. ISI Engineer	Signature Signature	Date Filling	TAILIN	
	Situations 1		Name Robert Hogstram	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of _____ ____ Unit _____ 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 3. Work Performed by Arizona Public Service Type Code Symbol Stamp None Authorization No. N/A 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SG" Steam Generator 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components ASME Code Repaired Year Manufacturer National Other Name of Name of Stamped Board No. Identification Built Serial No. Replacement Manufacturer (Yes or No) Item Yes 3SG095H008E 1981 Replacement 19440 N/A Pacific Scientific 3 Kip Snubber 7. Description of Work Snubber Replacement (No Welding) Pneumatic Nominal Operating Pressure Exempt N-416-1 8. Test Conducted: Hydrostatic Test Temp. Pressure psi Other NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

Remarks	WO#1187156 Removed snubber Serial number 20543 and replaced it with serial number 19440
icinamo	WONITO ICENTO
	CERTIFICATE OF COMPLIANCE
	fy that the statements made in the report are correct and this replacement conforms to the rules repair or replacement.
Type Co	de Symbol StampN/A
Certifica	te of Authorization No. N/A Expiration Date N/A
Signed	Date 6-5-2001
Signed_	Owner or Owner's Designee, Title
oigned _	Owner or Owner's Designee, Title Date 6-5-2001
Oigneu_	Owner or Owner's Designee, Title
Oigneu_	Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION
I, the un	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO.
I, the un	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. partford Connecticut have inspected the components described in this Owner's Report during
I, the un Inspecto of <u>Hi</u> the perio	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut , have inspected the components described in this Owner's Report during the State of the Components of the Dest of the Council o
I, the un Inspecto of <u>H</u> : the periodelief, the Report i	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut, have inspected the components described in this Owner's Report during and 3-23-01 to 6-5-01, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's in accordance with the requirements of the ASME Code, Section XI.
I, the un Inspecto of <u>Hi</u> the periodelief, the Report in	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut, have inspected the components described in this Owner's Report during the Owner has performed examinations and taken corrective measures described in this Owner's a accordance with the requirements of the ASME Code, Section XI.
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I, the un Inspecto of <u>Hi</u> the perid belief, th Report in By signic concerr neither	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut , have inspected the components described in this Owner's Report during and 3-23-01 to 4-5-01 , and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's accordance with the requirements of the ASME Code, Section XI. Ing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implicating the examinations and corrective measures described in this Owner's Report. Furthermore,
I, the un Inspecto of <u>Hi</u> the perio belief, the Report in By significancers concers neither damage	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of Arizona and employed by HSBI & I CO. artford, Connecticut, have inspected the components described in this Owner's Report during and 3-23-01 to 4-5-01, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's accordance with the requirements of the ASME Code, Section XI. Ing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied the examinations and corrective measures described in this Owner's Report. Furthermore, the Inspector nor his employer shall be liable in any manner for any personal injury or property

	ASME SECTION	N XI - REPAIR/R	EPLACEMENT	
1. Component ID 3SI0	72H018	2. Code Cla	ss SECTION III Subsec	tion NF Class 2
3. Item Description 10				
4. N-5 Package Numbe		5. W.O. Nun	nber <u>1197142</u>	
6. Original Construction	Code Edition 1974 EDI	TION THRU WINTER	1975 ADDENDA	
7. Original Installation C	Code Edition 1974 EDIT	ION THRU WINTER 19	75 ADDENDA	
8. Work Description Re				
· 				
·				
9. 🔲 ISI Flaw	NDE M	ethod of Flaw Detection _		
•		•		
10. Evaluation of the su	itability of this work as pe	er the requirements of IAV	V-4150. - I ika Renlacement	
Not a failure. Char	nged for precautionary m	easures. This is a Like for	Like Replacement	
	<u> </u>			
11. Repair/Replacemen	t Work Organization AF	S	TO LOW TO LAND THE D	1075 ADDENDA
12. Replacement Item 0	Construction or reconciled	d Code/Edition 1974 EDI	TION THRU WINTER	19/3 ADDENDA
		ode/Edition 1974 EDITIO	ON THRU WINTER 197	5 ADDENDA
14. ASME Section XI C	ode/Edition 1992 Editio	n and 1992 Addenda		
15. Preservice Inspecti	on Required.	☑ Y	ES 🛄 NO	
Initial Date	If required, include	a step in the W.O. to pe	rform Preservice Inspect	ion.
16. ASME Section XI P		·	ES 🗹 NO	•
		a step in the W.O. for IS	1 & ANII Inspection.	
Initial Date	D/ 17. Include a step	in the W.O. to complete	NIS-2 Form prior to relea	sing the component.
Initial Date Dunch 3-5-Zin	/ 18. Include a step	in the W.O. to record be	low all applicable numbe	rs for repaired or
Initial Date	replacement i	tems. • SERIAL NO.	HEAT NO.	MR/ROS NO.
ITEM I.D. 3SI072H018	PART NO. N/A	5715	N/A	N/A
33107211018	1.0.1			
		·		
	Dan MA	- 7 0 201	D. 11 C - 11-4	
19. Planner	Signature Signature	Date Print	Name David Goodlet	
20. ISI Engineer	Ptodap		Name R.P-J	NDAP
	Signature (3-23-01 Print	Name Robert Hogstram	
21. ANII	Signature Signature	Date Pfint	Name Roott Hogstant	•

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 1. Owner Arizona Public Service Company, et. al. Date 02/16/01 P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of _____ Unit ____ 2. Plant Palo Verde Nuclear Generating Station 5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 Type Code Symbol Stamp 3. Work Performed by Arizona Public Service N/A Authorization No. 5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A "SI" Safety Injection 4. Identification of System 5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W'75 Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 1992 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Repaired ASME Code National Other Year Manufacturer Name of Stamped Name of or Board No. Identification Built Serial No. Manufacturer (Yes or No) Replacement Item Yes . Replacement N/A 3SI072H018 5715 Pacific Scientific 10 Kip Snubber

7. Description of Wo	rk Snubber Rep	lacement (No W	elding)			····
8. Test Conducted:	Hydrostatic	Pneumatic	Nominal Operating Pr	ressure 🔲	Exempt 🗹	N-416-1 🔲
	Other 🛄	Pressure	psi	Test 7	ſemp.	°F

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

·	WO#1197142 Removed snubber Serial number 13231 and replaced it with serial number 5715
	CERTIFICATE OF COMPLIANCE
of the A	ty that the statements made in the report are correct and this replacement conforms to the rules repair or replacement.
Certifica	te of Authorization No. N/A Expiration Date N/A State of Authorization No. N/A Expiration Date N/A
· ; · · · · · · · · · · · · · · · · · ·	CERTIFICATE OF INSERVICE INSPECTION
Imanasta	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessers and the State or Province of <u>Arizona</u> and employed by <u>HSBI & I CO.</u>
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of Hithe peribelief, the Report By sign concern neither	artford, Connecticut , have inspected the components described in this Owner's Report during by 3-23-51 to 6-5-51, and state that to the best of my knowledge and the Owner has performed examinations and taken corrective measures described in this Owner's