

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

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

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1HP003H00J 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 1/4 KIP SNUBBER
 4. N-5 Package Number 1HP01-1 5. W.O. Number 1113960
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
Dagly 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
 Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Dagly 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
 Initial Date
Dagly 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
 Initial Date
Dagly 3-8-2001 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.
1HP003H00J	N/A	18839	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
 Signature Date
 20. ISI Engineer R. P. Indap 3/23/01 Print Name R. P. INDAP
 Signature Date
 21. ANII Robert Hogstrom 3-23-01 Print Name Robert Hogstrom
 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 1
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1113960
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "HP" Hydrogen Recombiner
5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W75 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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1/4 Kip Snubber	Pacific Scientific	18839	N/A	1HP003H00J	1981	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1113960 Removed snubber Serial number 6191 and replaced it with serial number 18839

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Phredog, ISI Engineer Date 6/1/2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Phredog
Inspector's Signature

Commissions NB 9685 "N" "I" 42-264
National Board, State, Province, and Endorsements

Date 6-1-01

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

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1CH285H00E 2. Code Class SECTION III Subsection NF Class 3
3. Item Description 1 KIP SNUBBER
4. N-5 Package Number 1CH12-3 5. W.O. Number 1172220
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 replacement

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
14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
DMG 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date
16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
DMG 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
- DMG 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
- DMG 3-8-2001 18. Include a step in the W.O. to record below all applicable numbers for repaired or replacement items.
Initial Date

ITEM I.D.	PART NO.	SERIAL NO.	HEAT NO.	MR/ROS NO.
1CH285H00E	N/A	5348	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
20. ISI Engineer R.P. Indap 3/23/01 Print Name R.P. INDAP
Signature Date
21. ANII Robert Hogstram 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
Name

P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 1
Name

5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1172220
Address Work Order Number

3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name

Authorization No. N/A

5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A
Address

4. Identification of System "CH" Charging

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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1 Kip Snubber	Pacific Scientific	5348	N/A	1CH285H00E	1979	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐

Other ☐ Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks WO#1172220 Removed snubber Serial number 5596 and replaced it with serial number 5348

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Pordy, ISI Engineer Date 6-01-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. Pordy
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date 6-1-01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1SG100H004 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 1 KIP SNUBBER
 4. N-5 Package Number 1SG02-1 5. W.O. Number 1172221
 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 Repalce 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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
Dmgly 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
 Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Dmgly 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Dmgly 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Dmgly 3-8-2001 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.
1SG100H004	N/A	4687	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
 Signature Date
 20. ISI Engineer R.P. INDAP 3/23/01 Print Name R.P. INDAP
 Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 1
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1172221
Address Work Order Number

3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System "SG" Steam Generator

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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1 Kip Snubber	Pacific Scientific	4687	N/A	1SG100H004	1978	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1172221 Removed snubber Serial number 14491 and replaced it with serial number 4687

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. D. Pordy, ISI Engineer Date 6/1/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 5-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. D. Pordy
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date 6-1-01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1SI078H005 TOP 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 1 KIP SNUBBER
 4. N-5 Package Number 1SI06-1 5. W.O. Number 1172222
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☒ YES ☐ NO
Donly 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Donly 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
Donly 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
Donly 3-8-2001 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.
1SI078H005 TOP	N/A	20421	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R. P. Indap 3-23-01 Print Name R. P. INDAP
Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 1
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1172222
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SI" Safety Injection
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1 Kip Snubber	Pacific Scientific	20421	N/A	1SI078H005T	1982	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1172222 Removed snubber Serial number 4479 and replaced it with serial number 20421

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. H. P. , ISI Engineer Date 6-01-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. H. P. Commissions NB 9685 "N" "I" Az. 204
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-1-01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1SG103H006 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 35 KIP SNUBBER
 4. N-5 Package Number 1SG02-1 5. W.O. Number 1172240
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☒ YES ☐ NO
Dmg 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date

- Dmg 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date

- Dmg 3-8-2001 18. Include a step in the W.O. to record below all applicable numbers for repaired or replacement items.
Initial Date

ITEM I.D.	PART NO.	SERIAL NO.	HEAT NO.	MR/ROS NO.
1SG103H006	N/A	3472	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R. P. Indap 3-23-01 Print Name R. P. INDAP
Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 1
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1172240
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SG" Steam Generator
5. (a) Applicable Construction Code Subject 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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
35 Kip Snubber	Pacific Scientific	3472	N/A	1SG103H006	1978	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1172240 Removed snubber Serial number 9288 and replaced it with serial number 3472

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R Rhodap, ISI Engineer Date 6-01-01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R Rhodap Commissions NB 9685 "N" "I" Az. 264
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-1-01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1SG095H004 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 1 KIP SNUBBER
 4. N-5 Package Number 1SG01 5. W.O. Number 1184794
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date

Dmg 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
Dmg 3-8-2001 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.
1SG095H004	N/A	4794	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R. P. Indap 3/23/01 Print Name R. P. INDAP
Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 1
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1184794
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SG" Steam Generator
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1 Kip Snubber	Pacific Scientific	4794	N/A	1SG095H004	1978	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1184794 Removed snubber Serial number 13917 and replaced it with serial number 4794

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Indap, ISI Engineer Date 6-01-01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. Indap
Inspector's Signature

Commissions NB 9685 "N" "I" Az 264
National Board, State, Province, and Endorsements

Date 6-1-01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1SG095H001 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 10 KIP SNUBBER
 4. N-5 Package Number 1SG01 5. W.O. Number 1184796
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
DPG 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date
 16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
DPG 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
DPG 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
DPG 3-8-2001 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.
1SG095H001	N/A	13824	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R.P. INDAP 3/23/01 Print Name R.P. INDAP
Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 1
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1184796
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SG" Steam Generator
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
10 Kip Snubber	Pacific Scientific	13824	N/A	1SG095H001	1982	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1184796 Removed snubber Serial number 4629 and replaced it with serial number 13824

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Hordap, ISI Engineer Date 6-01-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. Hordap
Inspector's Signature

Commissions NB 9685 "S" "I" A2264
National Board, State, Province, and Endorsements

Date 6-1-01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1SI239H003 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 10 KIP SNUBBER
 4. N-5 Package Number 1SI07-3B 5. W.O. Number 1185196
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☒ YES ☐ NO
DWG 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
DWG 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
DWG 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
DWG 3-8-2001 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.
1SI239H003	N/A	12045	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R. P. Indap 3/23/01 Print Name R. P. INDAP
Signature Date
 21. ANII Robert Hogstrom 3-23-01 Print Name Robert Hogstrom
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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 1
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1185196
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SI" Safety Injection
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
10 Kip Snubber	Pacific Scientific	12045	N/A	1SI239H003	1981	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1185196 Removed snubber Serial number 8750 and replaced it with serial number 12045

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. Rodriguez, ISI Engineer Date 6-01-01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. Rodriguez
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date 6-1-01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 1SI078H005 BOTTOM 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 1 KIP SNUBBER
 4. N-5 Package Number 1SI06-1 5. W.O. Number 1185198
 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 Repalce 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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☒ YES ☐ NO
DMG 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
DMG 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
DMG 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
DMG 3-8-2001 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.
1SI078H005 BOTTOM	N/A	16773	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R.P. Indap 3/23/01 Print Name R.P. INDAP
Signature Date
 21. ANII Robert Hogstrom 3-23-01 Print Name Robert Hogstrom
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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 1
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1185198
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SI" Saftey Injection
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1 Kip Snubber	Pacific Scientific	16773	N/A	1SI078H005	1981	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
- Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1185198 Removed snubber Serial number 4556 and replaced it with serial number 16773

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Pindap, ISI Engineer Date 6-01-01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-1-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. Pindap
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date 6-1-01

ASME SECTION XI - REPAIR/REPLACEMENT

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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☒ YES ☐ NO
Dmg 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
Dmg 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
Dmg 3-8-2001 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.
ISG005H014 BOTTOM	N/A	4848	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R. P. Indap 3/23/01 Print Name R. P. INDAP
Signature Date
 21. ANII Robert Hogstrom 3-23-01 Print Name Robert Hogstrom
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
Name
Address

2. Plant Palo Verde Nuclear Generating Station Unit 1

5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1185248
Name
Address Work Order Number

3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name

Authorization No. N/A

5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A
Address

4. Identification of System "SG" Steam Generator

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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
10 Kip Snubber	Pacific Scientific	4848	N/A	ISG005H014B	1978	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐

Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1185248 Removed snubber Serial number 9154 and replaced it with serial number 4848

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Fordap, ISI Engineer Date 6-01-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-01-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. Fordap
Inspector's Signature

Commissions NB 9685 "N" 71" Az 264
National Board, State, Province, and Endorsements

Date 6-1-01

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

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 2SI092H002 2. Code Class SECTION III Subsection NF Class 3
 3. Item Description 1 KIP SNUBBER
 4. N-5 Package Number 2CH08-1B 5. W.O. Number 234213
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
 Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
 Initial Date
WJG 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
 Initial Date
WJG 3-8-2001 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.
2SI092H002	N/A	4200	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
 Signature Date
 20. ISI Engineer R. P. INDAP 3/23/01 Print Name R. P. INDAP
 Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 2
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 234213
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SI" Safety Injection
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1 Kip Snubber	Pacific Scientific	4200	N/A	2SI092H002	1978	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#234213 Removed snubber Serial number 9373 and replaced it with serial number 4200

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RP Indap, ISE Engineer Date 6-05-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 4-5-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

RP Indap Commissions NB 9685 "N" "I" Az. 264
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-5-01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 2SI119H001 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 3 KIP SNUBBER
 4. N-5 Package Number 2SI06-4 5. W.O. Number 234291
 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 a like for like replacement

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

14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required.

☒ YES

☐ NO

Dmg 3-8-2001
Initial Date

If required, include a step in the W.O. to perform Preservice Inspection.

16. ASME Section XI Pressure Test Required

☐ YES

☒ NO

Dmg 3-8-2001
Initial Date

If required, include a step in the W.O. for ISI & ANII Inspection.

Dmg 3-8-2001
Initial Date

17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.

Dmg 3-8-2001
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.
2SI119H001	N/A	20221	N/A	N/A

19. Planner

David Goodlet 3-8-2001
Signature Date

Print Name David Goodlet

20. ISI Engineer

R.P. Indap 3/23/01
Signature Date

Print Name R.P. INDAP

21. ANII

Robert Hogstram 3-23-01
Signature Date

Print 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 2
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 234291
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SI" Safety Injection
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
3Kip Snubber	Pacific Scientific	20221	N/A	2SI119H001	1982	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 2SI129H012 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 3 KIP 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 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☒ YES ☐ NO
DGK 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
 Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
DGK 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
DGK 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
DGK 3-8-2001 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.
2SI129H012	N/A	25362	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
 Signature Date
 20. ISI Engineer R.P. INDAP 3/23/01 Print Name R.P. INDAP
 Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 2
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 234409
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SI" Safety Injection
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
3 Kip Snubber	Pacific Scientific	25362	N/A	2SI129H012	1982	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#234409 Removed snubber Serial number 7321 and replaced it with serial number 25362

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Fordap, ISI Engineer Date 6-5-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-5-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. Fordap

Inspector's Signature

Commissions NB 9685 "N" "I" AZ. 264

National Board, State, Province, and Endorsements

Date 6-5-01

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
 4. N-5 Package Number 2AF02-2 5. W.O. Number 235144
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
Dmg 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
Dmg 3-8-2001 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.
2SG203H004 TOP	N/A	12932	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R. P. INDAP 3/23/01 Print Name R. P. INDAP
Signature Date
 21. ANII Robert Hogstram 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
Name

P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 2
Name

5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 235144
Address Work Order Number

3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name

Authorization No. N/A

5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A
Address

4. Identification of System "SG" Steam Generator

5. (a) Applicable Construction Code Subsect. NF Class 2 19 74 Edition, W75 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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
35 Kip Snubber	Pacific Scientific	12932	N/A	2SG203H004T	1983	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐

Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#235144 Removed snubber Serial number 6306 and replaced it with serial number 12932

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI Engineer Date 6-05-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-5-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 9685 "N" "I" Az 264
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-5-01

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

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 3SG200H003 Top 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 35 KIP SNUBBER
 4. N-5 Package Number 3AF02-2 5. W.O. Number 1129067
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
DMG 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
DMG 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
DMG 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
DMG 3-8-2001 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.
3SG200H003 Top	N/A	6289	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R.P. Indap 3/23/01 Print Name R.P. INDAP
Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1129067
Address Work Order Number

3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
Authorization No. N/A
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Expiration Date N/A
Address

4. Identification of System "SG" Steam Generator

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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
35 Kip Snubber	Pacific Scientific	6289	N/A	3SG200H003T	1980	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1129067 Removed snubber Serial number 9563 and replaced it with serial number 6289

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Bondag, ISI Engineer Date 6-05-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-5-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. Bondag
Inspector's Signature

Commissions NB 9685 "N" "I" Az. 264
National Board, State, Province, and Endorsements

Date 5 JUNE 01

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

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 3PC022H016 2. Code Class SECTION III Subsection NF Class 3
 3. Item Description 10 KIP SNUBBER
 4. N-5 Package Number 3PC02-3 5. W.O. Number 1187145
 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 a like for like replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☒ YES ☐ NO
DMG 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
DMG 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
DMG 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
DMG 3-8-2001 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.
3PC022H016	N/A	13086	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R.P. INDAP 3/23/01 Print Name R.P. INDAP
Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1187145
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "PC" Pool Cooling
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
10 Kip Snubber	Pacific Scientific	13086	N/A	3PC022H016	1982	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1187145 Removed snubber Serial number 9680 and replaced it with serial number 13086

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI Engineer Date 6-5-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-5-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 9685 "N" "I" Az. 264
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 5, 2001

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 3SG095H004 2. Code Class SECTION III Subsection NF Class 2
3. Item Description 1 KIP SNUBBER
4. N-5 Package Number 3SG03-1 5. W.O. Number 1187155
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 Remove snubber, test, and reinstall.

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 replacement

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
14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
Drnk 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date
16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Drnk 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
- Drnk 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
- Drnk 3-8-2001 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.
3SG095H004	N/A	4690	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
20. ISI Engineer R.P. INDAP 3/23/01 Print Name R.P. INDAP
Signature Date
21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1187155
Address Work Order Number

3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System "SG" Steam Generator

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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1Kip Snubber	Pacific Scientific	4690	N/A	3SG095H004	1978	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1187155 Removed snubber Serial number 21604 and replaced it with serial number 4690

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed AP Rhodap, ISC Engineer Date 6-5-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-5-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

AP Rhodap Commissions NS 9685 "N" "I" A2.264
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/5/01

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 3SG095H008 EAST 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 3 KIP SNUBBER
 4. N-5 Package Number 3SG03-1 5. W.O. Number 1187156
 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 replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☐ YES ☒ NO
Don G 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Don G 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
Initial Date
Don G 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
Initial Date
Don G 3-8-2001 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.
3SG095H008 EAST	N/A	19440	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
Signature Date
 20. ISI Engineer R.P. JINDAP 3/23/01 Print Name R.P. JINDAP
Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address
2. Plant Palo Verde Nuclear Generating Station Unit 3
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1187156
Address Work Order Number
3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System "SG" Steam Generator
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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
3 Kip Snubber	Pacific Scientific	19440	N/A	3SG095H008E	1981	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1187156 Removed snubber Serial number 20543 and replaced it with serial number 19440

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed J. J. Jordan, ISI Engineer Date 6-5-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-5-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Robert A. Johnson Commissions NB 9685 "N" 1" Az. 264
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-5-2001

ASME SECTION XI - REPAIR/REPLACEMENT

1. Component ID 3SI072H018 2. Code Class SECTION III Subsection NF Class 2
 3. Item Description 10 KIP SNUBBER
 4. N-5 Package Number 3SI07-5 5. W.O. Number 1197142
 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 Relace 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 Replacement

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
 14. ASME Section XI Code/Edition 1992 Edition and 1992 Addenda

15. Preservice Inspection Required. ☒ YES ☐ NO
Dmg 3-8-2001 If required, include a step in the W.O. to perform Preservice Inspection.
 Initial Date

16. ASME Section XI Pressure Test Required ☐ YES ☒ NO
Dmg 3-8-2001 If required, include a step in the W.O. for ISI & ANII Inspection.
 Initial Date
Dmg 3-8-2001 17. Include a step in the W.O. to complete NIS-2 Form prior to releasing the component.
 Initial Date
Dmg 3-8-2001 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.
3SI072H018	N/A	5715	N/A	N/A

19. Planner David Goodlet 3-8-2001 Print Name David Goodlet
 Signature Date
 20. ISI Engineer R.P. INDAP 3/23/01 Print Name R.P. INDAP
 Signature Date
 21. ANII Robert Hogstram 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
Name
P.O. Box 53999, Phoenix, Arizona 85072-2034 Sheet 1 of 2
Address

2. Plant Palo Verde Nuclear Generating Station Unit 23 RLB 8-3-01
Name
5801 S. Wintersburg Rd., Tonopah, Arizona 85354-7529 1197142
Address Work Order Number

3. Work Performed by Arizona Public Service Type Code Symbol Stamp None
Name
5801 S Wintersburg Road, Tonopah Arizona 85354-752 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System "SI" Safety Injection

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

Name of Item	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
10 Kip Snubber	Pacific Scientific	5715	N/A	3SI072H018	1979	Replacement	Yes

7. Description of Work Snubber Replacement (No Welding)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒ N-416-1 ☐
 Other ☐ Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks WO#1197142 Removed snubber Serial number 13231 and replaced it with serial number 5715

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. P. Pindap, ISI Engineer Date 6-5-2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Arizona and employed by HSBI & I CO. of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 3-23-01 to 6-5-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. P. Pindap
Inspector's Signature

Commissions NB 9685 "N" 7" 12.264
National Board, State, Province, and Endorsements

Date 6-5-01