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 PARRISH, J.V. Washington Public Power Supply System
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SUBJECT: Amend 1 to "Inservice Insp Program Plan, First Insp Interval." New relief request will be submitted to define areas of limited exam of RPV nozzle-to-shell welds.

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May 27, 1993
G02-93-127

Docket No. 50-397

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: **WNP-2, OPERATING LICENSE NPF-21
AMENDMENT NO. 1 TO INSERVICE INSPECTION PROGRAM PLAN,
FIRST INSPECTION INTERVAL**


- References:
- 1) Letter, G02-85-274, dated May 29, 1985, GC Sorensen (SS) to Mr. W.R. Butler (NRC), "Inservice Inspection Program Plan, Requests for Relief"
 - 2) Letter, G02-92-240, dated October 16, 1992, GC Sorensen (SS) to NRC, "Inservice Inspection Summary Report, NIS-1, NIS-2, Owner's Reports"

The Washington Public Power Supply System (SS) submits five (5) copies of Amendment No. 1 to the Inservice Inspection Program Plan for the first Inspection Interval. Amendment No. 1 replaces in its entirety the Program Plan submitted via Reference 1. The changes made by this amendment are summarized in Attachment 1 to this letter. They consist of editorial changes and updating the Program Plan to current approved NRC commitments.

This amendment does not contain any commitments that have not already been reviewed and approved by the NRC or required by 10CFR50.55a. This submittal commits to revising relief request 2-ISI-001 on RPV shell weld examination coverage in response to 10CFR50.55a issued August 6, 1992. In addition the Supply System will submit a new relief request, per the requirements of 10CFR50.55a, defining areas of limited examination of the RPV nozzle to shell welds. Coverage for these welds was reported in the Refueling Outage 7 ISI Summary Report, Reference 2.

Sincerely,

020073


J. V. Parrish (Mail Drop 1023)
Assistant Managing Director, Operations

cc: JB Martin - NRC RV
NS Reynolds - Winston & Strawn
JW Clifford - NRC

DL Williams - BPA/399
NRC Site Inspector - 901A

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ATTACHMENT 1

AMENDMENT 1 TO ISI PROGRAM PLAN

This amendment replaces revision 0 of the ISI Program Plan in its entirety.

The changes made in Amendment 1 consist of editorial, retyping and addition or modifications to existing commitments where NRC approval has already been granted. No changes in this revision modify or change existing approved commitments to the NRC. Editorial changes are defined as correcting spelling, grammar, capitalization, punctuation and page numbering. No changes to meaning of sentences were done under editorial type changes.

Two commitments are made in this submittal:

- 1) Relief request 2-ISI-001 will be modified after vessel examinations are completed at R8 or R9 to reflect the requirements in August 6, 1992 10CFR50.55a. This regulation revoked all relief requests for the RPV shell welds and requires plants to perform 100% examination. WNP-2 can perform 100% examination on almost all of these welds. The exact percentages will be known at the conclusion of the examinations during R8 or R9.
- 2) A new relief request will be submitted to NRC prior to 12/13/94 to identify the volume of RPV nozzle welds that could be examined. The extent of these examinations was reported in the 1992 ISI Summary Report, which was submitted to the NRC.

Major changes to the Program Plan:

- Description of snubber testing program was removed from the ISI Program. The ISI Program Plan now references the Technical Specifications where this program is described. This will eliminate any chance of making conflicting commitments in this program. The safety-related snubber list remains in the ISI Program Plan as Table 6-2.
- Changes to GL 88-01 commitments made by the Supply System through October, 1992 (Letter G02-92-241, dated October 16, 1992, GC Sorensen to NRC, "Response to Generic Letter 88-01"). All of these changes have been reviewed and approved by NRC (last letter from NRC was dated January 19, 1993, "Alternate Schedule for IGSCC Inspections").
- Changes to extent of RPV shell weld exams as described above (10CFR50.55a, dated August 6, 1992).

- Two new commitments: 1) to revise relief request 2-ISI-001 after RPV examinations are completed; and 2) to submit a new relief request identifying RPV nozzle to shell welds which cannot be completely examined due to part geometry. Both commitments are required by 10CFR50.55a.
- Added Volume 3. The Weld & Component Diagrams will be in this new volume while the schedule of examinations will remain in Volume 2.



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

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AMENDMENT 1 TO ISI PROGRAM PLAN

| Replace Pages | New Pages | Reason for Change |
|----------------------|--|---|
| 1-1 thru 1-2, Rev 0 | 1-1 thru 1-2, Amend 1 | Add Volume 3. Split examination schedule and diagrams into separate volumes. |
| 2-1 thru 2-27, Rev 0 | 2-1 thru 2-22, Amend 1
2-23 thru 2-27 deleted | Update page revision status. Editorial |
| 3-1, Rev 0 | 3-1, Amend 1 | Update to GL 88-01 commitments approved by NRC |
| 3-2, Rev 0 | 3-2, Amend 1 | Add FFTR commitment on RFW nozzle inspection. NRC approved |
| 3-3 thru 3-5, Rev 0 | 3-3 thru 3-5, Amend 1 | Editorial changes |
| 3-6, Rev 0 | 3-6, Amend 1 | Editorial, section 14.0 split into schedule tables and ISI diagrams. |
| New | 3-6a, Amend 1 | Added 1st interval inspection schedule |
| New | 3-6b, Amend 1 | Editorial, blank page |
| 3-7, 3-8, Rev 0 | 3-7, 3-8, Amend 1 | Editorial changes. Removed definitions for snubber testing. |
| 3-9, 3-10, Rev 0 | 3-9, 3-10, Amend 1 | Editorial changes |
| 4-1, Rev 0 | 4-1, Amend 1 | Added Code Cases and GL 88-01 commitments. NRC approved. Editorial changes. |
| 4-2, Rev 0 | 4-2, Amend 1 | Editorial changes |
| Table 4-1, Rev 0 | Table 4-1, Amend 1 | Editorial changes. Category B-D changed complies with Sec XI from "yes" to "no". Geometry prevents full Code volume examination. Commit to providing relief request prior to interval end (12/13/94). Category C-F replaced table C-F with ones from C-F-1, C-F-2 W83 Code. |
| 4-3, Rev 0 | 4-3, Amend 1 | Editorial changes, new page |
| 4-3, Rev 0 | 4-4, Amend 1 | Editorial changes. Added reference to August 6, 1992 10CFR50.55a. |



Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

AMENDMENT 1 TO ISI PROGRAM PLAN

| Replace Pages | New Pages | Reason for Change |
|-----------------------|---------------------------|--|
| 4-4, Rev 0 | 4-5, Amend 1 | Added relief requests ISI-2-008 and ISI-2-009. NRC approved. Page number different. |
| 4-5, Rev 0 | 4-6, Amend 1 | Editorial changes. Page number different. Changed number of welds affected by relief request from 13 to correct number - 16. The relief request approved by NRC identified 16 welds. (Ref letter G02-86-679, 7/22/86.) |
| 4-6, Rev 0 | 4-7, Amend 1 | Editorial changes. Page number different. |
| 4-7, Rev 0 | 4-8, Amend 1 | Editorial changes. Added reference to August 6, 1992, 10CFR 50.55a. Page number different. |
| 4-8, Rev 0 | 4-9, Amend 1 | Editorial changes. Added reference to August 6, 1992 10CFR 50.55a. New commitment- Revise this relief request prior to end of interval. Page number different. |
| 4-9 thru 4-10, Rev 0 | 4-10 thru 4-11, Amend 1 | Deleted relief request not approved. Page number different. |
| 4-11 thru 4-18, Rev 0 | 4-12 thru 4-19, Amend 1 | Editorial changes. Different page |
| 4-19 thru 4-26, Rev 0 | 4-20 thru 4-27, Amend 1 | Revised Relief Request. NRC approved. Different pages. |
| New | 4-28 thru 4-32, Amend 1 | New relief requests ISI-2-008 and 2-009. NRC approved. |
| 5-1, Rev 0 | 5-1, Amend 1 | Added reference to FSAR 5.2.3.2.3. Editorial changes. |
| 5-2 thru 5-8, Rev 0 | 5-2 thru 5-8, Amend 1 | Editorial changes |
| 5-9, Rev 0 | 5-9i thru 5-9vii, Amend 1 | Replaced Table 5-2 with one that identifies welds by IGSCC category. |
| 5-10, Rev 0 | 5-10, Amend 1 | Added NRC approved FFWTR RFW nozzle examinations. |



Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

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AMENDMENT 1 TO ISI PROGRAM PLAN

| Replace Pages | New Pages | Reason for Change |
|---|--|---|
| 5-11, Rev 0 | 5-11, Amend 1 | RFW erosion transferred to erosion/corrosion program. Added non-mandatory RWCU thermal sleeve examination. |
| 6-1 thru 6-3, Rev 0 | 6-1 thru 6-3, Amend 1 | Editorial changes |
| 6-4, thru 6-7, Rev 0 | 6-4, thru 6-7 Amend 1 | Removed snubber testing program description and referenced Technical Specifications, which describes the program. Program description in one place - TS |
| Table 6-1, Rev 0 | Table 6-1, Amend 1 | Updated table for component supports that have been added, deleted or modified. Now includes all snubbers within Section XI scope. |
| Table 6-2, Rev 0 | Table 6-2, Amend 1 | Updated table for safety-related snubbers that have been added, deleted or modified. |
| 7-1 thru 7-14 and associated boundary diagrams, Rev 0 | 7-1 thru 7-14 and associated boundary diagrams, Amend 1. Boundary diagrams updated to latest revision. | Editorial changes all text pages 7-1, 7-2, etc. Boundary diagrams, ISI-200, ISI-217, etc revised to reflect current plant configuration. |
| 8-1, Rev 0 | 8-1, Amend 1 | Editorial changes. Table 8-1 does not exist. |
| 8-2, Rev 0 | 8-2, Amend 1 | Editorial changes. New commitment. Identified the basis for SS visual acceptance standard since Reference Code does not have one. |
| 9-1, Rev 0 | 9-1, Amend 1 | Editorial changes |
| Table 9-1, Rev 0 | Table 9-1, Amend 1 | Editorial changes/updated UTCB drawings. |
| UTCB-XXX | UTCB-XXX, current revision | Updated to current approved revision. |
| Table 9-2, Rev 0 | Table 9-2, Amend 1 | Editorial changes. Added several calibration blocks to table/updated UTCB drawings |



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AMENDMENT 1 TO ISI PROGRAM PLAN

| Replace Pages | New Pages | Reason for Change |
|-----------------------|-------------------------|--|
| 10-1, Rev 0 | 10-1, Amend 1 | Editorial changes |
| 11-1, Rev 0 | 11-1, Amend 1 | Editorial changes |
| 11-2, Rev 0 | 11-2, Amend 1 | Editorial changes Organizational changes |
| 12-1, Rev 0 | 12-1, Amend 1 | Editorial changes |
| 13-1, Rev 0 | 13-1, Amend 1 | Editorial changes |
| 14-1 thru 14-4, Rev 0 | 14-1 thru 14-4, Amend 1 | Editorial changes |

