

GO1-06-0001
January 16, 2006

Mr. Allen J. Fiksdal, Manager
Energy Facility Site Evaluation Council
P.O. Box 43172
Olympia, Washington 98504-3172

Dear Mr. Fiksdal:

Subject: **WNP-1/4 SITE RESTORATION RESOLUTION NO. 302
COMPLETION OF HEALTH, SAFETY AND ENVIRONMENTAL
ACTIVITIES.**

Reference: Letter dated January 5, 2005, Allen J. Fiksdal (EFSEC) to D. W. Coleman (Energy Northwest), "WNP-1/4 Site Restoration Plan (RE: EFSEC Resolution No. 302)"

In accordance with the requirements of EFSEC Resolution No. 302 (Reference), near-term health, safety and environmental restoration activities at WNP-1/4 are complete. As noted in Attachment B of Resolution No. 302, some minor activities (such as scaffold removal) will occur as part of asset recovery.

The enclosure contains a status of site restoration activities required by Resolution No. 302. Mr. Mike Mills (EFSEC Staff) and representatives from the Department of Ecology conducted an inspection of site restoration activities at WNP-1/4 on December 6, 2005.

Accordingly, Energy Northwest requests EFSEC acknowledgement that the near-term site restoration requirements for WNP-1/4 required by Resolution No. 302 have been met. Should you have any questions or desire additional information regarding this matter, please contact Mr. M. P. Hedges at (509) 377-8277.

Respectfully,

D. W. Coleman
Manager, Regulatory Programs
Mail Drop PE20

Enclosure: As stated

WNP-1/4 Site Restoration Plan Status

In accordance with Attachment B of EFSEC Resolution No. 302, Energy Northwest was to complete the Near-Term Health, Safety and Environmental activities by December 2005 with Final Restoration activities to be completed by 2026. Below is the current status of both Near-Term and Final Restoration activities as of December 2005.

Exterior- General: Near-Term

Points of building entry will be provided with secure access doors or permanently sealed to prevent unauthorized entry.	Completed – Ventilation openings covered with galvanized wire mesh.
Relocate fencing and provide additional fencing to minimize footprint and reduce unauthorized entry potential such that security patrols are not required. Install "No Trespassing" signs.	Completed
Remove hazardous materials identified in the WNP-1 and WNP-4 Environmental Site Assessment.	Completed
Exterior fall hazards will be eliminated. Exterior trash will be removed.	Completed
Outside piping and electrical vaults will be sealed, protected, or demolished and back filled, and the general outside areas will be graded. Large underground piping will be capped.	Completed
Temporary buildings neither safe nor feasible for reuse will be removed.	Completed – 38 buildings removed.
The turbine oil tank will be removed.	Completed
The access ramp to the WNP-4 Containment Building will be removed.	Completed
Fence or remove exterior substations and distribution load centers to minimize entry potential.	Completed
Remove unnecessary fire protection loop valves and dead ends.	Completed
Building floor and roof drains will be plumbed to gravity drain to the building exterior or to a sump to minimize the buildup of water in basement areas.	Completed

WNP-1 Containment: Near-Term

The interior will be cleaned to remove trash, debris, and overhead hazards. As assets are removed, the scaffolding and any formwork that remains will be removed. A safe access path will be provided through the building.	Completed Note: Scaffolding will be removed as part of asset recovery.
The fire protection lines will be drained.	Completed

WNP-1 General Services Building: Near-Term

Concrete roofs would be poured at elevations 518' and 543'.	Completed
The fire protection lines will be drained.	Completed

WNP-1 Turbine - Generator Building: Near-Term

The interior will be cleaned to remove trash, debris, and overhead hazards. As assets are removed, the scaffolding and any formwork that remains will be removed. A safe access path will be provided through the building.	Completed Note: Scaffolding will be removed as part of asset recovery.
Seal transformer drains after transformer removal.	Transformer sale in progress as part of asset recovery.
The fire protection lines will be drained	Completed

WNP-1 Cooling Towers: Near-Term

A chain link fence with locked gates will be provided to secure access to the cooling tower stairwells. Screening will be added to minimize bird access.	Completed
Provide permanent seal to exit weir by sealing pipe, providing drain holes in weir floor and backfilling to ground level.	Completed Note: The exit weirs have been sealed. Drain holes and backfilling were not required to allow reuse of the cooling tower basins.

WNP-1 Circulating Water Pump House: Near-Term

The interior will be cleaned to remove trash, debris, scaffolding, and formwork.	Completed Note: Scaffolding will be removed as part of asset recovery.
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WNP-1 Spray Pond and Pump House: Near-Term

A separate fence will be installed around the spray pond.	Completed
The interior will be cleaned to remove trash, debris, scaffolding, and formwork.	Completed Note: Scaffolding will be removed as part of asset recovery.

WNP-1 Remote Air Intakes/Chemical Waste Treatment Building: Near-Term

The interior will be cleaned to remove trash, debris, and formwork.	Completed
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WNP-4 Containment: Near-Term

The interior will be cleaned to remove trash, debris, scaffolding, overhead hazards, and formwork.	Completed
The containment will be filled with earth to approximately the 479' elevation and a concrete floor would be poured at the 479' elevation.	Completed
Openings in the containment building will be sealed or anti-bird roosting screen will be installed.	Completed
Provide drain holes or passive system for water drainage.	Completed
Minimize protrusions or install anti-bird roosting devices.	Completed

WNP-4 General Services Building: Near-Term

The interior will be cleaned to remove trash, debris, scaffolding, overhead hazards, and formwork in areas of work. The lower areas, where no access is required, will not be cleaned.	Completed
A limited safe access path will be provided for required maintenance activities and potential building reuse.	Completed
The walls would be demolished to the 501' elevation. Metal roofing with a coating would be installed at elevations 501' and 479' to seal the building.	Completed

WNP-4 Turbine - Generator Building: Near-Term

Remove overhead fall hazards from the turbine pedestal.	Completed
The pedestal will be dressed up to eliminate protrusions or anti-bird roosting devices will be installed.	Completed
The transformer footings and firewalls would be removed.	Completed

WNP-4 Cooling Towers: Near-Term

A chain link fence with locked gates will be provided to secure access to the cooling tower stairwells. Screening will be added to minimize bird access.	Completed
Provide permanent seal to exit weir by sealing pipe, providing drain holes in weir floor and backfilling to ground level.	Completed Note: The exit weirs have been sealed. Drain holes and backfilling were not required to allow reuse of the cooling tower basins.

WNP-4 Circulating Water Pump House: Near-Term

The surface slab would be removed and the pit would be backfilled.	Completed
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WNP-4 Spray Pond and Pump House: Near-Term

A separate fence will be installed around the spray pond.	Completed
The interior will be cleaned to remove trash, debris, scaffolding, and formwork.	Completed

WNP-4 Remote Air Intakes/Chemical Waste Treatment Building: Near-Term

The remote air intakes would be removed to grade and backfilled.	Completed
Holes would be placed in the bottom of the treatment pond and backfilled with 3 feet of dirt cover.	Completed

Structures Common to WNP-1 & 4

River Intake Structure: Near-Term

The interior would be cleaned to remove trash and debris.	Completed
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Security Access Building: Near-Term

The interior will be cleaned to remove trash and debris.	Completed
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Pipeline Corridor: Near-Term

The openings to the vent stations will be sealed.	Completed. Vents are 4 inch pipe with screened openings to prevent entry by birds and small animals.
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Final Restoration – Work to be completed by 2026

WNP-1:

- Turbine-Generator Building removed (turbine pedestal to remain).
- Transformer footings and firewalls removed.
- Cooling tower structures demolished to grade and basin slab removed.
- Circulating water pump house building and slab removed, pit backfilled
- Spray pond pump house removed and the pond backfilled.
- Remote air intakes would be removed to grade and backfilled.
- Chemical Waste Treatment Building and slab removed. Holes would be placed in the treatment pond and backfilled with 3 feet of dirt.
- Security Access Building would be removed.
- Condensate tank removed.

WNP-4:

- Cooling tower structures demolished to grade and basin slab removed.
- Spray pond pump house removed and the pond backfilled.

General Exterior:

- Remaining buildings and slabs removed.
- Large underground circulating water pipes would be backfilled.
- Yard areas cleaned, contoured, graded, and seeded.
- Roads and rail lines would be removed and graded clear.
- Close and cap landfill at completion of restoration.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV

Walnut Creek Field Office
1450 Maria Lane
Walnut Creek, California 94596-5368

JUL 15 1997

Washington Public Power Supply System
ATTN: David A. Swank
Manager, Regulatory Affairs
3000 George Washington Way
Richland, Washington, 99352

SUBJECT: LICENSE RENEWAL

Please find enclosed amendment 6 to License No. 46-17964-02. You should review this license carefully and be sure that you understand all conditions. Please note that as part of this amendment, the expiration date of your license has been extended by a period of ten years. Consequently, your request for an extension of time for the submittal of a decommissioning plan, as discussed in your of February 5, 1997, letter is not necessary at this time. Your new expiration date is stated in Item 4 of the license. If you have any questions, contact Mr. Kent M. Prendergast at 510/975-0255.

NRC expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public which can result from failure to comply with NRC requirements, you must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).
5. Request and obtain written NRC consent before transferring your license or any right thereunder, either voluntarily or involuntarily, directly or indirectly, through transfer of control of your license to any person or entity. A transfer of control of your license includes not only a total change of ownership, but also a change in the controlling interest in your company whether it is a corporation, partnership, or other entity. In addition, appropriate license amendments must be requested and obtained for any other planned changes in your facility or program that are contrary to your license or contrary to representations made in your license application, as

well as supplemental correspondence thereto, which are incorporated into your license. A license fee may be charged for the amendments if you are not in a fee-exempt category.

6. Maintain in a single document decommissioning records that have been certified for completeness and accuracy listing all the following items applicable to the license:
 - Onsite areas designated or formerly designated as restricted areas as defined in 10 CFR 20.3(a)(14) or 20.1003.
 - Onsite areas, other than restricted areas, where radioactive materials in quantities greater than amounts listed in Appendix C to 10 CFR 20.1001-20.2401 have been used, possessed, or stored.
 - Onsite areas, other than restricted areas, where spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment, or site have occurred that required reporting pursuant to 10 CFR 30.50(b)(1) or (b)(4), including areas where subsequent cleanup procedures have removed the contamination.
 - Specific locations and radionuclide contents of previous and current burial areas within the site, excluding radioactive material with half-lives of 10 days or less, depleted uranium used only for shielding or as penetrators in unused munitions, or sealed sources authorized for use at temporary job sites.
 - Location and description of all contaminated equipment involved in licensed operations that is to remain onsite after license termination.
7. Submit a complete renewal application with proper fee, or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
8. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil

Washington Public Power
Supply System

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penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), 60 FR 34381, June 30, 1995.

Thank you for your cooperation.

Sincerely,



Beth A. Prange
Senior Health Physicist (Licensing)
Materials Branch

Docket: 030-19590
License: 47-17964-02
Control: 572105

Enclosures: As stated

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. Washington Public Power Supply System</p> <p>2. P. O. Box 968 3000 George Washington Way Richland, Washington 99352-0968</p>		<p>In accordance with application dated December 29, 1994</p> <p>3. License Number 46-17964-02 is amended in its entirety to read as follows:</p>	
		<p>4. Expiration Date July 31, 2007</p>	
		<p>5. Docket or Reference No. 030-19590</p>	
<p>6. Byproduct, Source, and/or Special Nuclear Material</p> <p>A. Strontium-90</p> <p>B. Uranium-235</p> <p>C. Plutonium-238/239</p> <p>D. Americium-241</p>	<p>7. Chemical and/or Physical Form</p> <p>A. Sealed sources</p> <p>B. Sealed sources</p> <p>C. Sealed neutron sources</p> <p>D. Sealed neutron sources</p>	<p>8. Maximum Amount that Licensee May Possess at Any One Time Under This License</p> <p>A. Not to exceed 0.6 microcuries per source and 24 microcuries total</p> <p>B. Not to exceed 5 microcuries per source and 24 microcuries total</p> <p>C. Not to exceed 15 curies per source and 30 curies total</p> <p>D. Not to exceed 1.2 curies per source and 3.0 curies total</p>	
<p>9. Authorized use</p> <p>A. through D. For storage only incident to disposal.</p>			

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 46-17964-02

Docket or Reference Number 030-19590

Amendment No. 6

CONDITIONS

10. Licensed material shall be stored in approved containers at WNP-2 on the 487' elevation of the Radwaste Building or in the Controlled Inventory Warehouse adjacent to the WNP-2 protected area, Richland, Washington.
11. A. Licensed material shall be stored by, or under the supervision of G. O. Smith.
B. The Radiation Safety Officer for this license is G. O. Smith.
12. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.
13. A. Sealed sources cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.
B. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source received from another person shall not be put into use until tested.
C. Sealed sources need not be leak tested if:
(i) they contain only hydrogen-3; or
(ii) they contain only a radioactive gas; or
(iii) the half-life of the isotope is 30 days or less; or
(iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
(v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 46-17964-02

Docket or Reference Number 030-19590

Amendment No. 6

D. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, ATTN: Director, Division of Nuclear Materials Safety. The report shall specify the source involved, the test results, and corrective action taken.

E. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to perform such services.

14. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.

15. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

16. The licensee shall maintain records of information related to decommissioning at 3000 George Washington Way, Richland, Washington, per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 46-17964-02

Docket or Reference Number 030-19590

Amendment No. 6

18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Letter dated December 30, 1994
- B. Facsimile dated February 6, 1995
- C. Letter dated May 3, 1996
- D. Letter dated October 10, 1996
- E. Letter November 25, 1996
- F. Letter dated February 5, 1997
- G. Facsimile dated February 12, 1997
- H. Facsimile dated March 21, 1997
- I. Facsimile dated July 14, 1997

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUL 15 1997

By Beth A. Prange

Materials Branch
Region IV, WCFO
Walnut Creek, California 94596

March 4, 2005
GO1-05-0013
GO2-05-047

U. S. Nuclear Regulatory Commission, Region IV
ATTN: Nuclear Materials Licensing Branch
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-4005

Subject: **BYPRODUCT MATERIALS DOCKET NO. 030-19590
TERMINATION OF MATERIALS LICENSE 46-17964-02**

- References:
1. Letter, dated September 18, 1984, GO2-84-515, GC Sorensen (SS) to JB Martin (NRC Region V), "Storage of WNP-3 Neutron Sources at WNP-2 Facilities"
 2. Letter, dated February 13, 1987, GO2-87-051, GC Sorensen (SS) to JB Martin (NRC Region V), "Storage of Neutron Sources from WNP-1 and WNP-3/5 at WNP-2 Facilities"
 3. Letter, dated November 25, 1996, GO1-96-0033/GO3-96-147, JV Parrish (SS) to Radioactive Materials Safety Branch (NRC Region IV, Walnut Creek), "Update to Application for Renewal, Materials License 46-17964-02"
 4. Letter, dated May 20, 1994, GO2-94-122, WG Counsil (SS) to JM Taylor (NRC), "Termination of Washington Public Power Supply System Nuclear Projects Nos. 1 and 3"
 5. Letter, dated February 3, 1995, GO1-95-0004/GO3-95-0026, WG Counsil (SS) to JM Taylor (NRC), "Termination of Washington Public Power Supply System Nuclear Projects Nos. 1 and 3"
 6. Letter, dated December 29, 1998, Chester Poslusny (NRC) to JV Parrish (SS), "Issuance of Amendment for the Washington Public Power Supply System Nuclear Project No. 2 (TAC NO. M96929)",
 7. Letter, dated November 22, 2004, MC Maier (NRC) to Doug Coleman (EN), "Termination of NRC License 46-17964-02"

Dear Sir or Madam:

Energy Northwest (previously known as Washington Public Power Supply System) is submitting documentation of its name change and Form 314 for termination of WNP-1 Materials License Number 46-17964-02 as requested by Reference 7. Energy

**BYPRODUCT MATERIALS DOCKET NO. 030-19590
TERMINATION OF MATERIALS LICENSE 46-17964-02**

Page 2

Northwest has previously notified the NRC of the decision to terminate the WNP-1 project (Reference 4). The Materials License had been maintained current to allow Energy Northwest to explore other options for the WNP-1 site (Reference 5).

Orphan sources manufactured for WNP-3 were received by Columbia Generating Station in 1984 (References 1 and 3). WNP-1 license material sources were transferred to Columbia Generating Station in 1986 (References 2 and 3) for storage and disposal. Columbia Generating Station's Operating License NPF-21 was revised in 1998 to include storage of sources not intended for use at Columbia Generating Station (Reference 6).

A radiation survey of the WNP-1 storage location for radioactive sources, conducted in 1997 by health physics technicians from Columbia Generating Station, verified that no radioactive material remained at this location. A copy of these results is included with Form 314.

Should you have any questions regarding this submittal, please contact MP Hedges at (509) 377-8277.

Respectfully,



WS Oxenford
Vice President – Technical Services
Mail Drop PE04

Enclosure: As stated

cc: RN Sherman – BPA/1399
WA Horin – Winston & Strawn

Information Required for Change of Control and/or Change of Ownership
(to include a name change)
source: NUREG-1556, Volume 15

1. Provide a complete description of the transaction (i.e., transfer of stocks or assets, or merger). Indicate whether the name has changed and include the new name. Include the name and telephone number of a licensee contact who NRC may contact if more information is needed.

A. Description of the transaction:

Name change for Materials License 46-17964-02

B. ☐ No name change

☒ New name of licensed organization: Energy Northwest

C. ☐ No change in contact

☐ New contact: _____

☐ New telephone number: _____

2. Describe any changes in personnel or duties that relate to the licensed program. Include training and experience for new personnel.

Not Applicable - Name Change Only

3. Describe, in detail, any changes in the organization, location, facilities, equipment or procedures that relate to the licensed program.

Not Applicable - Name Change Only

4. Describe the status of the surveillance program (i.e., surveys, wipe tests, quality control) at the present time and the expected status at the time that control is to be transferred.

Not Applicable - Name Change Only

5. Confirm that all records concerning the safe and effective decommissioning of the facility will be transferred to the transferee or to NRC, as appropriate. These records include documentation of surveys of ambient radiation levels and fixed and/or removable contamination, including methods and sensitivity.

Not Applicable - Name Change Only

6. Confirm that the transferee will abide by all constraints, conditions, requirements and commitments of the transferor or that the transferee will submit a complete description of the proposed licensed program.

(transferee company Official signature)

(transferor company Official signature)

Title

Title

date

date

OR

☐ Description of proposed licensed program from transferee attached (with signature)

OR

☒ Not applicable (name change only)

Certifying Officer - Signature

Date

WS Oxenford, Vice President Technical Services

Certifying Officer - Typed name and title

CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

Energy Northwest
PO Box 968
Richland, WA 99352-0968

LICENSE NUMBER

46-17964-02

DOCKET NUMBER

03019590

LICENSE EXPIRATION DATE

07/31/2007

A. LICENSE STATUS (Check the appropriate box)

- ☐ This license has expired. ☒ This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- ☐ 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- ☒ 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:
- ☒ a. Transfer of radioactive materials to the licensee listed below:
See Attachment 1.
- ☒ b. Disposal of radioactive materials:
- ☐ 1. Directly by the licensee:
- ☒ 2. By licensed disposal site:
See Attachment 1.
- ☐ 3. By waste contractor:
- ☐ c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

- ☒ 1. A radiation survey was conducted by the licensee. The survey confirms:
- ☒ a. the absence of licensed radioactive materials
- ☐ b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- ☒ 2. A copy of the radiation survey results:
- ☒ a. Is attached; or ☐ b. Is not attached (Provide explanation); or ☐ c. was forwarded to NRC on: _____ Date _____
- ☐ 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
- ☐ a. The results of the latest leak test are attached; and/or ☐ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME

Mot Hedges

TITLE

Principal Engineer

TELEPHONE (Include Area Code)

(509) 377-8277

E-MAIL ADDRESS

Mail all future correspondence regarding this license to:

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

SIGNATURE

DATE

WS Oxenford, VP Technical Services

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

**ATTACHMENT 1
NRC Form 314
CERTIFICATE OF DISPOSITION OF MATERIALS**

Form 314, Section B.2.a

Energy Northwest, Columbia Generating Station, License NPF-21 was amended in letter dated December 29, 1998 to allow storage of byproduct material not intended for use at Columbia Generating Station.

Sources in long-term storage at Columbia Generating Station:

Babcock & Wilcox, S/N MRC-AMBE 2948 (02-86-073), 1.05Ci Am-241 (11/11/77)
Monsanto Research, MRC-PU8BE-480 (02-84-047), 14.24Ci Pu-238 (10/5/84)
Monsanto Research, MRC-PU8BE-479 (02-84-048), 14.38Ci Pu-238 (10/5/84)

Sources transferred to San Onofre Nuclear Generating Station, License NPF-010
October 27, 1997, DOE/NRC Form 741, transaction XMR-XFR-1

Combustion Engineering, S/N 1759, 0.65 Ci Am-241 (9/25/86)
Combustion Engineering, S/N 3525, 0.87 Ci Am-241 (9/25/86)
Westinghouse, S/N 795201, 4.25 μ Ci U-235 (4/1/86)
Westinghouse, S/N 795202, 4.25 μ Ci U-235 (4/1/86)
Westinghouse, S/N 795203, 4.25 μ Ci U-235 (4/1/86)
Westinghouse, S/N 795204, 4.25 μ Ci U-235 (4/1/86)

Form 314, Section B.2.b.2

Sources disposed as radioactive waste November 16, 1999, to
US Ecology
PO Box 638
Richland, WA 99352

There were 40 solid Sr-90 sources removed from radiation monitoring equipment. See Attachment 2 for listing.

Form 314, Section C.2

A radiation survey of the WNP-1 licensed material storage location was performed following transfer of this material to Columbia Generating Station. A copy of this survey (Attachment 3) is included.

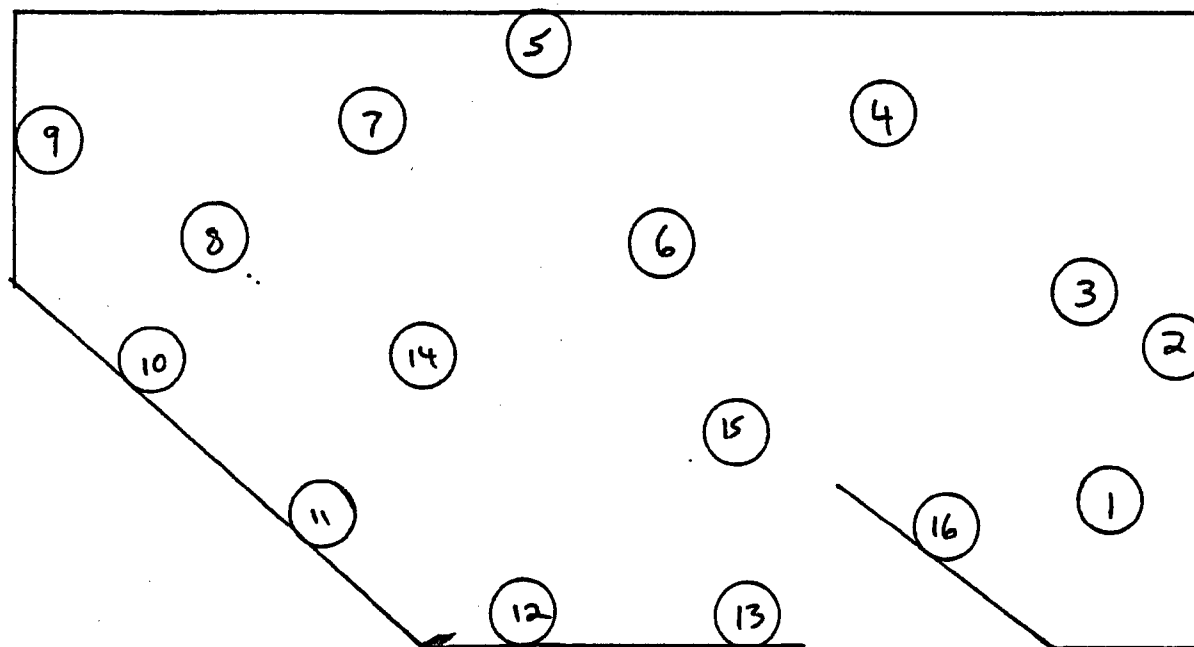
Attachment 2
Sources Disposed at US Ecology

Manufacturer	Original ID	Nuclide	Original Activity	Manf. Date
Kaman Instrumentation Corp	1754-011	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-010	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-002	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-006	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-017	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-020	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-015	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-003	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-008	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-005	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-009	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-019	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-016	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-014	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-012	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-004	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-024	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-007	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-018	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-001	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-013	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	7371-001	Sr-90	0.58 microCi	Nov-80
Kaman Instrumentation Corp	1754-033	Sr-90	0.55 microCi	Nov-80
Kaman Instrumentation Corp	1754-023	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-028	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-032	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-022	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-038	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-025	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-021	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-039	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-037	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-030	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-026	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-035	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-029	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-036	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-034	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-027	Sr-90	0.55 microCi	Aug-80
Kaman Instrumentation Corp	1754-031	Sr-90	0.55 microCi	Aug-80

Location WNP-2 RWP 97000001 Job Smear Survey of WNP-1 Source Storage Area
 Survey Inst/Serial No. N/A Counter Used/Serial No. NMC PC-5/0057289, NMC PC-11T/0057297/Tennelec
 READINGS IN mrem/hr GAMMA UNLESS NOTED OTHERWISE IPC Alpha

BLDG 57
 Room 104

SEP 04 1997



Survey No. 7-25-97
 Survey Date. 7-2-97
 Survey Time 1000
 Surveyor BF Bill Friedel
 Reviewer to C. G. Hall
 % Power 0

CONTAMINATION SURVEY RESULTS

NOTE: All smear results are less than
 1000dpm/100cm² α , β , γ
 except as noted below

NO.	LOCATION	ACTIVITY
1	floor	<20 dpm
2	wall	<20 dpm
3	floor	<20 dpm
4	floor	<20 dpm
5	wall	<20 dpm
6	floor	<20 dpm
7	floor	<20 dpm
8	floor	<20 dpm
9	wall	<20 dpm
10	wall	<20 dpm
11	wall	<20 dpm
12	wall	<20 dpm
13	wall	<20 dpm
14	floor	<20 dpm
15	floor	<20 dpm
16	door	<20 dpm

Are air samples taken?

☐ Yes ☒ No

Air Sample Results:

N/ADose Received for Survey: 0 mrem

Comments: All smears were
 < 20 dpm/100cm² α , β , γ . BF

LEGEND:

All SOP's Verified < 1000dpm/100cm² ☐ Yes ☒ N/AAll Posted Area Boundaries Verified Correct ☐ Yes ☒ N/A

Area Not Surveyed

☐ Contaminated Area☐ Radiation Area☐ High Radiation Area☐ High High Radiation Area☐ Very High Radiation Area☐ Airborne Radioactivity Area☐ Flammable Materials Area☐ Radiologically Controlled Area

NMC PC-5 / 0057289

IPC DATA LOG

[illegible]

PCCITT / DS3 005 7297

IPC DATA LOG

[illegible]