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NAME OF LICENSEE Person or	im proposing to concuct the activities described selow)	-	2. TYPE OF REPORT	3. CONTROL NUMBER (Leave Blank - Number to be
NORTHWEST	INSPECTION	- A A	VITIAL	assigned by NRC)
ADDRESS OF LICENSEE (Made	ng address or other location where iconsee may be loca		EVISION LARIFICATION	IAN 1 4 1000
		P. Martine	ENSEE CONTACT	1
1809 SOUTH SHEPPARD KENNEWICK, WA 99338		TONY MARTIN		
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HERMISTON,			ISTON, OR	
CLIENT TELEPHONE MANUER	12 WORK LOCATION TECHNICIAN AUTHO	DRIZED TO PERFOR	N WORK	13 WORK LOCATION TELEPHONE NUMBER
	TONY MARTIN	15 NUMBER	7 45 100	CATION REFERENCE NUMBER
14.	DATES SCHEDULED	WORK DAYS	LEAVE BLANK FOR INITI	AL NRC FORM 241 REQUESTS
		NTE	NUMBER TO BE ASSIGN	ED BY NAC
JANUARY 1-20-99 -1-20-00		180 000380		
	12/31/99			
LIST ADDITIONAL	WORK SITES ON SEPARATE SHEET TO	INCLUDE ALL	INFORMATION CONT	AINED IN ITEMS \$-16 ABOVE.
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SPECIFIED IN ITEM 6 ABOVE	STATE	EXPIRATION I		TOTAL USAGE DAYS TO DATE
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d. I understand that I m.	by be inspected by NRC at the above listed wo or offshore weters. I am also aware that I will be	ork site locations	and at the Licensee home	e office address for activities performed in
	duct of any solarties not described above, includ			
WITHOUGH NIPC BURNEYER	fion, may subject me to enforcement action, inclu	saing civil or crimin	el penaties.	one ordered non mose described above o
TONY MAR	enagement Representative (Typed/Printed Name and Tr	SKINATURE	ym Ma	utri 1-13-99
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JSE ONLY	M. C. Hernandez	M. (	. Hernar	rds 1/15/99
	Radiation Specialist			0

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MEMORANDUM

Rita Messier

## UNITED STATES NUCLEAR REGULATORY COMMISSION

REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TEXAS 76011-8064

January 15, 1999

TO:		License Fee and A	Accounts Receivable Bra	nch (T9 E10)	
FROM	:	Christi Hernandez Nuclear Materials	Licensing Branch, Regio	n IVMCH.	
SUBJE	ECT:	FEE TRANSMITT			
A.	Region IV				
	1. NRC F	ORM 241 ATTACHE	D		
Applicant/Licens		cant/Licensee:	Northwest Inspection		
	NRC F	Form 241 Dated:	January 13, 1999		
	Agree	ment State License	: WA WN-ir065-1		
	Progra	am Code(s):	03320		
	Licens	ion ATTACHED iee: ment State License:			
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#### State of Washington

### **Radioactive Materials License**





Pursuant to the Nuclear Energy and Radiation Control Act, RCW 70.98, and the Radiation Control Regulations, Chapters 246-220 through 246-255 WAC, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive materials) designated below; and to use such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations promulgated by the State of Washington Department of Health.

1	NORTHWEST INSPECTION	3. License Number	WN-IR065-1 (NEW)
	1809 South Sheppard Street Kennewick, Washington 99338	4. Expiration Date	31 December 2003
		5. Reference number(s)	98-10-28; 98-11-24; 98-11-39; 98-12-04

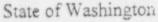
6. Radioective Material (etempn) and made number) 7. Chemical and/or Physical Form

 Maximum quantity licensee may possess at any one time

A. Iridium 192.

A. Sealed source (Industrial Nuclear Company Model 32). A. No single source to exceed 3700 gigabecquerels (100 curies).

- 9. Authorized use.
  - A. To be used in Industrial Nuclear Company IR-100 exposure devices for the performance of industrial radiography and in Industrial Nuclear Company Model IR-50 source changers for storage and replacement of sources.
- Radioactive material shall be stored at 1328 North 28th Avenue. Pasco. Washington 99301 and may be used at temporary job sites, in areas not under exclusive federal jurisdiction, throughout the state of Washington. Before radioactive materials can be used at any federal facility the jurisdictional status of the job site must be determined. Authorization for use of radioactive materials at job sites under exclusive federal jurisdiction must be obtained from the appropriate regional office of the U.S. Nuclear Regulatory Commission. Before radioactive materials can be used at a temporary job site in another state, authorization must be obtained from that state if it is an Agreement State, or from the NRC if it is a non-Agreement State.
- 11. The licensee shall comply with the provisions of Chapter 246-220 WAC, "Radiation Protection --General Provisions"; Chapter 246-221 WAC, "Radiation Protection Standards"; Chapter 246-222 WAC, "Radiation Protection -- Worker Rights"; and Chapter 246-243 WAC, "Radiation Protection -- Industrial Radiography".
- 12. The Radiation Safety Officer for this program shall be Tony Martin.



# Radioactive Materials License



License Number WN-IR065-1

13. The individuals listed below are the only persons authorized by this license to act as radiographers or radiographer's assistants:

#### Radiographers:

- A. Tony Martin
- B. Jerry Kimball
- 14. A. Pursuant to WAC 246-243-090, the licensee is authorized to perform tests for leakage or contamination of the sealed sources authorized by this license in accordance with procedures contained in the application and attachments dated 22 October 1998.
  - B. 1. Each sealed source containing licensed material shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.
    - 2. Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 3.7 megabecquerels (100 microcuries) or less of beta and/or gamma emitting material, or 370 kilobecquerels (10 microcuries) or less of alpha emitting material.
  - C. The shall be capable of detecting the presence of 185 becquerels (0.005 microcurie) of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of becquerels (or microcuries) and maintained for inspection by the department.
  - D. If the test reveals the presence of 185 becquerels (0.005 microcurie) or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with department regulations. A report shall be filed within five (5) days of the test with the department describing the equipment involved, the test results, and the corrective action taken.
- Sealed sources containing licensed material shall not be opened.
- 16. The transport of licensed material by the licensee, or the delivery of licensed material to a carrier for transport, shall be in accordance with WAC 246-232-090, "Transportation".
- 17. The licensee's procedures shall conform to procedures authorized in the Washington State Radiation Emergency Handbook revised November 1991 or subsequent revisions, or other procedures specifically approved by License Condition.

www.



### State of Washington

## Radioactive Materials License

Page 3 of 3 Pages

License Number WN-IR065-1

- 16. Pursuant to WAC 246-232-010, the licensee is surfacized to possess, use, and transfer up to 999 kilograms of depleted eranium as shielding massrial in the radiography devices and source changers authorized by this license.
- 19. The licentee is sutherized to receive, possess, and use scaled sources of fridium 192 or Cobatt 60 where the radioactivity exceeds the maximum amount specified in Item 8 of this lice provided:
  - A. Such possession does not exceed the quantity per source specified in Item 8 by more than 20% for Iridium 192 or 10% for Cobelt 60;
  - B. Records of the licensee show that no more than the maximum amount of radioactivity per source specified in licens 8 of this license was ordered from the supplier or transferor of the radioactive material;
  - C. The levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in WAC 246-243-040.
- 20. The licenses shall conduct a physical inventory every three (3) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for inspection by the department and shall include the quantities and kinds of radioactive material, location of sealed sources, and the date of the inventory.
- 21. Except as specifically provided by this license, the license shall possess and use radioactive material described in items 6, 7 and 8 of this license in accordance with statements, representations, and procedures contained in the documents listed below. The department's "Eules and Regulations for Radiation Protection" shall govern the licensee's statements in applications and letters, unless the statements are more restrictive than the regulations.
  - A. Application and assuments dated 22 October 1998.
  - B. Letter and attachments dated 15 November 1998.
  - C. Letter and attachments dated 22 November 1998.
  - D. Letter and strachments dated 6 December 1998.

Date Deperaher 11, 1998.

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Arden C. Strongs

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