

REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS

(Please read the instructions before completing this form)

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) PETROCHEM INSPECTION SERVICES		2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION	
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 8211 LA PORTE FREEWAY HOUSTON, TX 77012		4. LICENSEE CONTACT AND TITLE RON HAYDEN, RSO	
		5. TELEPHONE NUMBER (include Area Code) 713-926-9936	6. FACSIMILE NUMBER (include Area Code) 713-926-9262

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS THERAPY/IRRADIATOR SERVICE

PORTABLE GAUGES OTHER (Specify) ⇒ _____

RADIOGRAPHY ⇒ REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)
9035, 9157, 9185, 9269, 9283

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE THE DOW CHEMICAL COMPANY 47 BUILDING MIDLAND, MI 48657	9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible) THE DOW CHEMICAL COMPANY 1603 BLDG. MIDLAND, MI 48657
10. CLIENT TELEPHONE NUMBER (include Area Code) 989-636-4129	11. WORK LOCATION TELEPHONE NUMBER (include Area Code) 989-636-5136

12. DATES SCHEDULED	13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM: 8/4/03 TO: 12/31/03	100			000915

17. LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (include description of type and quantity of radioactive material, sealed sources, or devices to be used.)
IR-192 SEEDED SOURCE MODEL 424-9, NOT TO EXCEED 100Ci (Nominal), USED IN AEA (AMERSHAM) DEVICE MODEL 660 SERIES. SOURCE MFG. BY AEA.

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9 ABOVE. (Four copies of the specific license must accompany the Initial NRC Form 241.)	LICENSE NUMBER 03320940001	STATE OH	EXPIRATION DATE 2/1/05
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19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- All information in this report is true and complete.
- I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
- I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
- I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
- I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

CERTIFYING OFFICER - RSO or Management Representative (Name and Title) RONALD J. HAYDEN, RSO	SIGNATURE 	DATE 7/28/03
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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 respects. 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.

FOR NRC USE ONLY	REVIEWING OFFICIAL (Typed/Printed Name and Title) DORIS C. GONZALEZ/NMPA	SIGNATURE 	DATE 7/30/03	TOTAL USAGE - DAYS TO DATE
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**OHIO DEPARTMENT OF HEALTH
LICENSE FOR RADIOACTIVE MATERIAL**

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as 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 applications of Chapter 3748 of the Ohio Revised Code and all rules promulgated thereunder. This license shall be deemed to contain the conditions specified in rules 3701-38-02.1 and 3701-39-021 of the Ohio Administrative Code and is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSEE	LICENSE NUMBER
1. PetroChem Inspection Services	3. 03320990001
2. 8211 Channelside Street Houston, TX 77012	EXPIRATION DATE
	4. February 1, 2005
	BUREAU DOCKET NUMBER
	5. WH10-11-99

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| <p>6. RADIOACTIVE MATERIAL</p> <p>A. Cobalt-60</p> <p>B. Iridium-192</p> <p>C. Gadolinium-153</p> <p>D. Uranium depleted in Uranium-235</p> | <p>7. CHEMICAL AND/OR PHYSICAL FORM</p> <p>A. Sealed radiography sources as contained in a source assembly registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation.</p> <p>B. Sealed radiography sources as contained in a source assembly registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation.</p> <p>C. Sealed sources registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation and incorporated in a compatible device as specified in Item 9. of this license.</p> <p>D. Shielding material</p> | <p>8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE</p> <p>A. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC, an Agreement State, or NARM Licensing State (see Condition 15).</p> <p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC, an Agreement State, or NARM Licensing State (see Condition 15).</p> <p>C. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC, an Agreement State, or NARM Licensing State.</p> <p>D. Not to exceed 999 kilograms total possession limit.</p> |
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9. **Authorized Use**

- A. and B. **For use in a compatible gamma radiography exposure device registered pursuant to 10 CFR 32.210 as delineated in OAC 3701-39-021 or an equivalent Agreement State Regulation for performing industrial radiography and if applicable, in a compatible source changer (shipping container) registered pursuant to 10 CFR 32.210 as delineated in OAC 3701-39-021 or an equivalent Agreement State Regulation for source storage and exchange.**
- C. **For use in Lixi Model LS-82X portable fluoroscope for x-ray imaging (industrial radiography).**
- D. **Shielding in exposure devices and source changers.**

LICENSE FOR RADIOACTIVE MATERIALS

License Number: 03320990001

SUPPLEMENTARY SHEET

Bureau Docket Number: WH10-11-99

Amendment No. 3

CONDITIONS

10. Licensed material may only be used at the licensee's facilities located at:
- A. Licensed material A. through C. at the licensee's facilities located at BP Oil Company, Toledo Refinery, 4001 Cedar Point Road, Oregon Ohio and;
 - B. Temporary jobsites within the State of Ohio.
11. The Radiation Safety Officer for this license is:
- Ronald J. Hayden.
12. Licensed material shall be used by, or under the supervision of Ronald J. Hayden ; or individuals who have been trained in accordance with letters listed on USNRC License Number.04-29067-03 and have been designated in writing by the Radiation Safety Officer or:
- A. In accordance with the provisions of 10 CFR 34.43 as delineated in OAC 3701-39-021.
13. All sealed sources that are used or obtained shall have been evaluated and approved by the U.S. Nuclear Regulatory Commission under the provisions of 32.210 of 10 CFR 32, as delineated in OAC 3701-39-021 or an equivalent Agreement State or NARM Licensing State regulation.
14. In addition to the possession limits in item 8., the licensee shall further restrict the possession of sealed source licensed materials to quantities below the minimum limit specified in 10 CFR 30.35(d) as delineated in OAC 3701-39-021 for establishing decommissioning financial assurance.
15. The licensee is authorized to receive, possess, and use sealed sources of Iridium-192 or Cobalt-60 where the radioactivity exceeds the maximum amount of radioactivity specified in this license 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 Cobalt-60.
 - B. Records of the licensee show that no more than the maximum amount of radioactivity per source specified in this license was ordered from the supplier or transferor of the byproduct material; and
 - C. The levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in Section 34.21 of 10 CFR as delineated in OAC 3701-39-021.
16. The licensee is authorized to transport radioactive materials only in accordance with the provisions of 10 CFR 71, as delineated in OAC 3701-39-021, "Packaging and transportation of radioactive material."
17. Sealed sources containing licensed material shall not be opened or sources removed from source holders or devices by the licensee.
18. Sealed sources authorized for use other than radiography shall be leak tested in accordance with 10 CFR 34.27 as delineated in OAC 3701-39-021.
19. Notwithstanding the periodic leak test required by 10 CFR 34.27 as delineated in OAC 3701-39-021, such requirement does not apply to sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before use or transfer to another person. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET	Page <u>3</u> of <u>3</u>
	License Number: 03320990001
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20. 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 Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Letters dated October 27, 1999.
- B. Letter Dated January 6, 2000.
- C. Correspondence listed on USNRC License number 04-29067-03.
- D. Letter Dated May 11, 2000.
- E. Letter dated April 13, 2001.
- F. Letter dated February 21, 2001.

For the Ohio Department of Health

DATE:

6/13/01

BY:

Roger S. ...
Director, Ohio Department of Health

