UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD STE 210
LISLE, ILLINOIS 60532-4352

AUG 0 2 2007

Robert D. Skowronek, Chief
Radioactive Materials Unit
State of Michigan
Department of Environmental Quality
Waste & Haz. Mat. Div./Radiological Protection Sec.
PO Box 30241
Lansing, MI 48909-7741

Dear Mr. Skowronek:

Enclosed is Amendment No. 27 renewing your NRC Material License No. 21-05199-02 in accordance with your request.

During our telephone conference on July 20, 2007, we discussed the content of your renewed license, including all license conditions. Based on our review of the documentation you submitted, we have determined that you have satisfactorily demonstrated that the facilities located at 3500 and 3423 N. Martin Luther King Jr. Blvd, Lansing, Michigan do not contain residual radiological contamination in excess of NRC release limits. Therefore, the facilities were deleted from your license as locations of use. As a result, the facilities can be released for unrestricted use. The NRC staff prepared an Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) regarding your request to release the facilities for unrestricted use. An announcement was made in the Federal Register dated August 2, 2007, related to the EA and FONSI.

Please note that we have not authorized the following activities on the renewed license:

1. possession and use of the Hopewell Designs, Inc. Model GC-60 instrument calibrator and gamma irradiator;

2. possession and use of source material for collection, transportation, and analysis of environmental samples, incident response samples, and calibration standards;

3. collection and possession of source and special nuclear material incident to disposal;

4. collection and possession of byproduct material not to exceed 1 curie incident to disposal (i.e., authorization remains limited to 100 millicuries total);

5. use of the Technical Operations Model 571 Meter Calibrator for calibration of dosimeters (i.e., authorization remains limited to use for calibration of instruments);

6. use of the EON Model 64-764 instrument calibrator for calibration of dosimeters (i.e., authorization remains limited to use for calibration of instruments);

7. use of the J.L. Shepherd Model 28-6a instrument calibrator for calibration of dosimeters (i.e., authorization remains limited to use for calibration of instruments);

8. approval of authorized users by the Radiation Safety Officer; and

9. non-commercial leak test service.

In general, the aforementioned activities were not authorized on the renewed license because: (1) the request to authorize the activity was received late in the renewal process, and it was new relative to what was previously authorized in Amendment No. 26 of your NRC Material License No. 21-05199-02 or what was requested in your Application dated February 22, 2007; and/or (2) insufficient information was provided to allow authorization of the activity. Nonetheless, you may submit a license amendment request for authorization of these activities. If you submit a license amendment request for authorization of these activities, it should include the pertinent information previously submitted in your application dated February 22, 2007, and your facsimile dated July 12, 2007, and include the following information:

1. For the Possession and use of the Hopewell Designs, Inc. Model GC-60 instrument calibrator and gamma irradiator:

    a. a description of how the GC-60 calibrator keys will be controlled and limited to authorized users of the calibrator to prevent unauthorized access/use; and

    b. a description of how you will restrict access and monitor the area above the GC-60 calibrator to ensure that members of the public do not exceed regulatory dose limits, including how operators will verify whether or not an individual is on or near the roof of the facility before each source exposure and during use of the calibrator.

2. For possession and use of source material for collection, transportation, and analysis of environmental samples, incident response samples, and calibration standards:

    a. the operating and emergency procedures for use of source material for collection and analysis of environmental samples, incident response samples, and calibration standards; and

    b. the maximum radioactivity possessed in any single sample.

3. For collection and possession of source and special nuclear material incident to disposal:

    a. the operating and emergency procedures for collection and possession incident to disposal of source and special nuclear material;

    b. the maximum radioactivity of source and special nuclear material possessed in any single sample/container;

    c. the maximum amount of radioactivity requested for source material possession; and

    d. the maximum amount of radioactivity requested for special nuclear material

possession.

4. For collection and possession incident to disposal of byproduct material not to exceed 1 curie (i.e., authorization remains limited to 100 millicuries total):

   a. the operating and emergency procedures for collection and possession incident to disposal of byproduct;

   b. the maximum radioactivity of byproduct material possessed in any single sample/container; and

   c. the maximum amount of radioactivity requested for byproduct material possession.

5. For use of the Technical Operations Model 571 Meter Calibrator for calibration of dosimeters, describe the operating and emergency procedures for use of the Technical Operations Model 571 Meter Calibrator for calibration of dosimeters, including the means of safely holding the source in the "on" position during the calibrations.

6. For use of the EON Model 64-764 instrument calibrator for calibration of dosimeters:

   a. a copy of the Sealed Source Device Registry sheet for the EON Model 64-764 instrument calibrator that discusses use for calibration of dosimeters; and

   b. the operating and emergency procedures for use of the EON Model 64-764 instrument calibrator for calibration of dosimeters.

7. For use of the J.L. Shepherd Model 28-6a instrument calibrator for calibration of dosimeters, describe the operating and emergency procedures for use of the J.L. Shepherd Model 28-6a instrument calibrator for calibration of dosimeters.

8. For approval of authorized users by the Radiation Safety Officer, refer to 10 CFR Part 33, "Specific Domestic Licenses of Broad Scope for Byproduct Material" and NUREG-1556, Vol. 11, "Consolidated Guidance About Materials Licenses - Program-Specific Guidance About License of Broad Scope."

9. For non-commercial leak test service, describe the type and quantity of radioactive material requested.

Please note that Subitem 7.A of your license authorizes possession of Reed-Curtis, Tracer Lab, Baird-Atomic, and 3M Models CDV-784 and CDV-786 to include the correct source set manufacturers' names referenced in Sealed Source and Evaluation Sheet No. NR-8095-S-805-S. In addition, note that Subitem 7.D. of your license now authorizes possession of an Amersham Corp. Model CDC.192 source, instead of Amersham Corporation Capsules X.8, X.9, and X.19, for use in a J.L. Shepherd Model 28-6a instrument calibrator.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct 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; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.

2. Notify NRC, in writing, within 30 days:

    a. When the Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or

    b. When the mailing address listed on the license changes.

3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:

    a. When you decide to terminate all activities involving materials authorized under the license; or

    b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material.

4. Request and obtain a license amendment before you:

    a. Change Radiation Safety Officers;

    b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;

    c. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or

    d. Change ownership of your organization.

5. Submit a complete renewal application or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should

be the licensee or certifying official rather than a consultant.

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, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

for Robert G. Gattone, Jr.
Materials Licensing Branch

License No. 21-05199-02
Docket No. 030-07188

Enclosure: Amendment No. 27