



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

**MAY 31 2011**

Appa Rao Mukkamala, M.D.  
Radiation Safety Officer  
Hurley Medical Center  
One Hurley Plaza  
Department of Radiology  
Flint, MI 48503-5993

Dear Dr. Mukkamala:

Enclosed is Amendment No. 131 to your NRC Material License No. 21-00338-02 in accordance with your request. Please note that the changes made to your license are printed in **bold font**.

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 note that the deletion of the self-shielded irradiator authorization also resulted in the adjustment of authorization for Dr. Douglas Congdon.**

- 1. At this time I was unable to delete your authorization for materials in Subitem Nos. 6 through 9. D., because the information provided in your letter dated February 9, 2011, was insufficient to complete our review.**

**If you wish to pursue this request, please submit the information requested below, addressed to my attention as "additional information to control number 574578," to facilitate proper handling in our office. This information must be accompanied by an NRC Form 313 or equivalent letter that is signed by your senior management and currently dated. We will then continue our review.**

**The manifest provided with your letter dated February 9, 2011, was lacking the date when possession/transfer took place, the license number for ADCO, the signature of an ADCO representative taking responsibility for these materials and a statement that possession of the materials is authorized by ADCO's radioactive materials license (or equivalent statement).**

**I checked the website for ADCO Services and they do make their licenses available to customers.**

In addition, under their "Frequently Asked Questions" section, I found the following information:

**"4. The state is coming in for an inspection and wants to see that I properly disposed of my material, what do I do?"**

**Answer: At the time of pick-up, the ADCO Technician will leave you with a signed copy of the paperwork showing that you have had the material removed from your facility and is destined for disposal. Once received at our facility, copies of the signed in 540 form for radioactive wastes will be sent with your invoice, showing you that your material was received at our facility. The signed manifests should suffice for any inspection. Copies of "DC's" disposal certificates are available, call to get a copy."**

**Therefore, it appears that ADCO does make the information we need available to its customers.**

**Please submit a complete copy of acknowledgment of receipt from ADCO for the sources they disposed of for you authorized by 10 CFR 35.400. The acknowledgment of receipt must show that the vendor was appropriately licensed to take possession of these sources/device. It must be signed and dated appropriately.**

**Please refer to 10 CFR 30.41 and 30.51 for assistance.**

**Please note that bills of lading, manifests and shipping papers only describe that materials were prepared for shipment. They do not confirm that materials were actually transferred to appropriately licensed recipients.**

**Please also be reminded of the provisions in 10 CFR 30.9(a), "Completeness and accuracy of information,"..."(a) Information provided to the Commission by an applicant for a license or by a licensee or information required by statute or by the Commission's regulations, orders, or license conditions to be maintained by the applicant or the licensee shall be complete and accurate in all material respects."**

- 2. At this time I deleted Condition Nos. 15, 18 and 20, as they appeared on Amendment No. 130, because they no longer apply to your licensed program.**
- 3. In correspondence to us dated February 9, 2011, you indicated that you wished to release for unrestricted use area of use for a self-shielded irradiator.**

**The NRC staff has reviewed your final status surveys, which consisted of leak test results, wipe tests and direct dose rate surveys in the former area of use. Based on its review, the staff has concluded that all licensable**

A. Mukkamala

**radioactive material has been removed from your former area of use for the irradiator and residual radioactive material attributable to licensed activities does not exceed current NRC criteria.**

**Based on these conclusions no further remediation or actions with respect to NRC regulated material is required for this area of use and it is suitable for unrestricted use.**

**If you have any questions or comments concerning this amendment please contact me at either (800) 829-9500, ext. 9841 or (630) 829-9841. My fax number is (630) 515-1078.**

In accordance with 10 Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

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,



Colleen Carol Casey  
Materials Licensing Branch

License No. 21-00338-02  
Docket No. 030-01993

Enclosure:

Amendment No. 131