



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

June 26, 2012

Glenn D. Thomas
Radiation Safety Officer
Great Lakes Dredges & Dock Company, LLC
2111 York Road
Oak Brook, IL 60521

Dear Mr. Thomas:

We have reviewed your renewal application for the NRC License No. 12-20175-01 dated January 16, 2012. Before we can take further action, we will need additional information. As discussed with you on June 26, 2012, please provide the followings.

1. A copy of the last leak test record for the Texas Nuclear Model 5184 gauge serial number B1001.
2. Please provide a statement "Before using licensed materials, authorized users will have successfully completed the training described in Criteria in the section entitled "Authorized Users" in NUREG-1556, Vol. 4, dated October 1998."
3. Please provide a statement "The licensee will use instruments that meet the Criteria in the section entitled "Radiation Safety Program - Instruments," in NUREG-1556, Vol. 4, dated October 1998 and each survey meter will be calibrated by the manufacturer or other person authorized by the NRC or an Agreement State to perform survey meter calibrations."
4. Please provide a statement "The licensee will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or the licensee will provide dosimetry that meets the Criteria in the section entitled "Radiation Safety Program - Occupational Dosimetry," in NUREG-1556, Vol. 4, dated October 1998."
5. Please provide a statement "Procedures for use of fixed gauges at temporary jobsites will be developed, implemented, maintained, and distributed and will be meet the Criteria in the section entitled 'Radiation Safety Program – Fixed Gauges Used at Temporary Jobsites' in NUREG-1556, Vol. 4, dated October 1998 and copies of these procedures will be provided to all gauge users."
6. Please provide a statement "Each survey meter will be calibrated by manufacturer or other person authorized by the NRC or an Agreement State to perform survey meter calibrations."
7. Please provide a statement "The licensee will implement and maintain procedures for routine maintenance of its fixed gauges according to each manufacturer's or distributor's written recommendations and instructions."

NUREG-1556, Volume 4, dated October 1998 provides the program specific guidance about fixed gauge licenses. NUREG-1556, Volume 4 is available on the NRC website at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v4/>.

To continue review of your application, we request that you submit your response to this letter by July 3, 2012. Your response must be **dated** and **signed** by authorized representative and referred to Control Number 576782. If you have any questions or require clarification on any of the information stated above, please do not hesitate to contact me at 630-829-9623 or frank.tran@nrc.gov.

In accordance with Title 10 Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter 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>.

Sincerely,



Frank P.D. Tran
Materials Licensing Branch

Note: Your response could be sent by email to frank.tran@nrc.gov or facsimile to 630-829-9782.

License No. 12-20175-01
Docket No. 030-18055