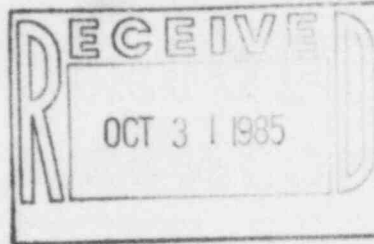


NL



October 25, 1985

Mr. Charles L. Cain  
United States Nuclear Regulatory Commission  
Parkway Central Plaza Building, Suite 1000  
Arlington, Texas 76011

Dear Mr. Cain:

We are planning offshore field tests of a new MWD (Measurement While Drilling) sensor which employs a 3 Ci Am Be neutron source. There will be six two-week tests performed over a period of six months starting December 1, 1985. We will transport the source to and from an offshore drilling rig for each test.

We are aware that Section 150.20 of Title 10, Code of Federal Regulations, Part 150, requires us to file with you four copies of form NRC-241 and four copies of our license. To ensure that we are completely in accordance with your regulations, I am sending you a copy of our license, requesting that you advise as to whether there are any further requirements that we must fulfill. Also, please forward a copy of NRC-241.

Thank you.

Sincerely,

*William Madigan*

William Madigan  
Radiation Safety Director  
Research & Engineering  
(713) 987-4059

WM/jml

Enclosure: Texas License

*42-13898-PL*

**Technology Systems**  
**NL Information Services Group/NL Industries, Inc.**  
P.O. Box 60070, Houston, Texas 77205 Tel. (713) 987-5800

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