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ROKE

OIL ENTERPRISES LTD.

April 8, 1982

Material Licensing Branch
Division of Fuel Cycle and Material Safety
United States Nuclear Regulatory Commission
Washington D.C. 20555
U.S.A.

Attention: Mr. Joseph Wang

Subject: Licence No. 27-16976-01
Reference: Mail Control No. 08544

Gentlemen:

This letter is in response to your request for additional information to support the above mentioned licence renewal. Thank you for granting the time extension for this submission..

I have enclosed a copy of your letter dated August 25, 1981, and shall respond to it on a point by point basis.

- (1) (a) 50 microcuries
Radium 226 source

Manufactured by: Amersham Corporation
Model Number: CVN.1
- (b) 1 curie
Cesium 137 source

Manufactured by: Amersham Corporation
Model Number: CDCQ5987

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- (2) We manufacture our own Gamma Ray and Gamma Ray-Neutron tools for use in well logging, and use some tools manufactured by Gearhart-Owens Industries, Inc.

Model Numbers of our tools are: GRN125A

Model Numbers of the tools manufactured by Gearhart-Owens, Inc.
are: GCN27U4BC
CG27X5

- (3) Enclosed is an updated ITEM #10 and #11, which give the model Numbers of our survey instruments.

- (4) As we have not established a permanent location, we have not constructed storage pits, as yet. In the interm, sources are to be stored in their transportation containers, which are permanently mounted in our logging trucks.

When we establish a permanent location, storage pits will be constructed as shown in SUPPLEMENTARY DRAWING #1.

- (5) Enclosed is our updated ITEM #15, which includes procedures for ordering radioactive material (EXHIBIT 15-2), shipping radioactive material (Section A) and provisions for keeping and reviewing survey, inventory and leak tests (EXHIBITS 15-3; 15-4; and 15-2 Section C).
- (6) Our updated ITEM #15 indicates how areas are restricted to unauthorized entry (Section B).
- (7) Our updated ITEM #15 contains procedures and materials for performing leak tests (EXHIBITS 15-5 and 15-10), the safety procedures followed (EXHIBIT 15-6) and the name and qualifications of our Radiation Protection Officer, who will perform the tests.
- (8) Our updated ITEM #15 includes our procedure for unloading tools (EXHIBIT 15-7, Section C-13 and Section D-5).
- (9) We have discontinued the use of one of our course manuals as we felt it was redundant. Enclosed is the manual by C. H. Plunket, which we are currently using.
- (10) Our Radiation Protection Officer is responsible for ensuring compliance with all Nuclear Regulatory Commission rules and regulations. (EXHIBIT 15-2, Sections J, K and L.

He is responsible for immediately rectifying any situation which is not in compliance, and preparing a full report to management on the causes of noncompliance and the actions that have been taken to rectify the situation and insure that it will not re-occur.

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Material Licensing Branch

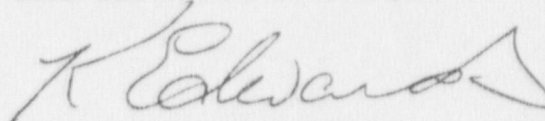
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- (11) Our instrument calibration has been revised to follow the steps outlined in CFR 10.8-23 Appendix D. Our updated ITEM #10 and #11 are enclosed. (See EXHIBIT 10-1, 10-2, 10-3)
- (12) Daily equipment inspections are carried out following the procedures outlined in our updated ITEM # 15 (see EXHIBIT # 15-7, Section A). In addition I have enclosed some of our equipment checklists which are performed on a periodic basis.

I hope this submission has answered all of your questions and corrected any deficiencies that existed in our original documents. Thank you again for your patience and attention.

Yours truly,

ROKE ELECTRICAL LOGGING, INC.



Kenneth W. Edwards
General Manager

KWE:bb
Encl.