

Hayes, Seay, Mattern and Mattern

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15 March 1985
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By. Brown
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United States Nuclear
Regulatory Commission - Region II
Materials Licensing Branch
101 Marietta Street, N.W.
Suite 3100
Atlanta, GA 30323

Re: Amendments to License No. 45-15168-02
Hayes, Seay, Mattern and Mattern

Attention: Mr. Earl G. Wright

Gentlemen:

It is requested that Item No. 12 (Conditions) of this firm's license, referenced above, be amended as follows:

Add - Two employees who are trained operators of the Troxler Model 3411B Surface Moisture Density Gauge.

Kyle L. Dobbins SSN 226-96-5916
Donald E. Shires SSN 226-06-5374

Mr. Kyle Dobbins and Mr. Donald Shires were trained "in-house" under the supervision of Mr. William Hoover, Radiation Protection Officer. Mr. Hoover received his training in a two day course at Troxler Electronics Labs, Inc., Raleigh, North Carolina.

Mr. Shires was trained and operated the Troxler Model 3411B, Surface Moisture Density Gauge for approximately one year as an employee at Pittsburgh Testing Laboratory, before his employment with Hayes, Seay, Mattern and Mattern.

Mr. Dobbins worked for a period of approximately six months with Mr. Hoover on a controlled fill project in the City of Roanoke, Virginia from May 1984 until October 1984.

As stated above, Mr. Kyle Dobbins and Mr. Donald Shires were trained "in-house" under the supervision of Mr. William Hoover of Hayes, Seay, Mattern and Mattern in 1984.

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The subjects of instruction that were conducted with Mr. Dobbins and Mr. Shires were as follows:

1. The Leak Test Procedure

This test was conducted for Mr. Dobbins and Mr. Shires and in turn performed by both Mr. Dobbins and Mr. Shires.

2. Radioactivity and Instruments

This was conducted by using a Victorean Thyac III with a thin window probe and metal wall probe.

3. Accident Procedures

This subject was discussed at length with Mr. Dobbins and Mr. Shires with a question and answer session.

4. Procedures for Nuclear Gauge Storage, Transportation & General Safety Precautions

Mr. Dobbins and Mr. Shires were thoroughly instructed in the above subject. A copy of "General Procedures For The Use of Nuclear Moisture Density Gauges," was prepared by Hayes, Seay, Mattern and Mattern and given to Mr. Dobbins and Mr. Shires to read (copy enclosed). A question and answer session was held. In addition, Mr. Dobbins and Mr. Shires were required to read our current license.

5. Instrument Theory and Operating Procedures

The above was discussed and demonstrated to Mr. Dobbins and Mr. Shires for the Model 3411B from the Instruction Manual published by Troxler Electronic Laboratories, Inc.

6. Accident Procedures, Gauge Storage, Transportation and General Safety Precautions

These items were discussed with Mr. Dobbins and Mr. Shires by a question and answer session. The manual, "General Procedures For The Use of Nuclear Moisture - Density Gauges," and general experience were used as a basis for this subject.

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7. Maintenance

Mr. Dobbins and Mr. Shires were instructed that all maintenance was performed by Troxler Electronic Laboratories, Inc.

8. Gauge Calibration and Field Application

Approximately two days were devoted to Mr. Dobbins' and Mr. Shires' training for this item. Mr. Hoover demonstrated the calibration and field application to Mr. Dobbins and Mr. Shires. Both Mr. Dobbins and Mr. Shires, under the supervision of Mr. Hoover, were allowed to perform these tasks a number of times. A question and answer session was held after each operation. Mr. Hoover pointed out to Mr. Dobbins and Mr. Shires the errors they made and the possible errors that could occur by the incorrect use of the gauge. Mr. Dobbins and Mr. Shires performed these tasks until they both became proficient and their performance was without error.

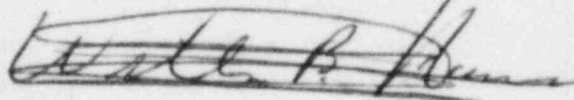
We trust that the detailed description of the training we have provided "in-house" to Mr. Dobbins and Mr. Shires is adequate and meets with your approval.

Please find our check in the amount of sixty dollars (\$60.00) as required for the Amendment fee, specified in accordance with Sections 170.12 & 170.13 of 10 CFR Part 170.

We trust the above information and check is adequate to satisfy our request.

Very truly yours,

HAYES, SEAY, MATTERN AND MATTERN



William B. Hoover
Radiation Protection Officer

WBH/br

cc: THN, JPB, ELJ