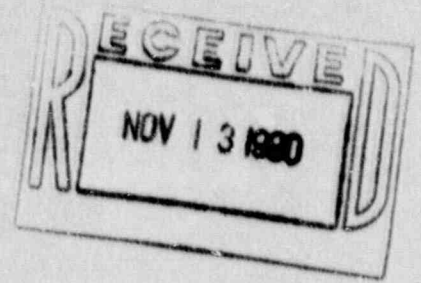


October 20, 1990



Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive  
Suite 1000  
Arlington, Texas 76011

Attn: Mr. Charles Cain

License No. 35-26953-01

Mr. Cain:

This report will document the findings of a complete in depth safety audit conducted on the above date by the undersigned. This information is for the period July 1 through September 30, 1990.

1. Loyd D. Barnett d/b/a Barnett Industrial X-Ray is the licensee. Loyd D. Barnett is the President and sole owner of the company. Jim Mobley is the Radiation Safety Officer.
2. All personnel are issued, at the time of hire and company schooling, a notebook containing copies of the company operating and emergency procedures, 10 CFR parts 19, 20 and 34 and company license.
3. Inspection and maintenance of exposure devices and storage containers was performed and documentation has been maintained in accordance with 10 CFR part 34.28 (a).
4. Exposure records for all personnel are being maintained as required on NRC forms 4 and 5.
5. There have been no terminations made during this quarter.
6. All personnel have been issued film badges and dosimeters and records maintained in accordance with 10 CFR part 33. Film badges are issued on a monthly basis and the dosimeter calibrations have been checked and certified with documentation on file.
7. Survey meters used during this period in the performance of radiography were operable and within calibration and certification is on file.
8. Only materials and exposure devices listed in the license conditions were in the possession and were used in accordance with those conditions and the requirements of 10 CFR part 34.21.
9. Receiving and transfer of material was conducted properly and documentation maintained. One (1) disposal was made and the disposal report from the supplier on Source #4969 is on file.

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10. An inspection was made of the material storage area and found secured and posted. Devices were locked the keys removed. The outside of the storage facility radiation levels were 0 mR.
11. Devices were secured in accordance with 10 CFR parts 20.207, 34.22 and 34.23.
12. Utilization logs were maintained and contained required information as per 10 CFR part 34.27. Logs examined were as follows; Source #09G0 - weeks ending 7/14, 7/21, 7/28, 8/4, 8/11, 8/18, 8/25, 9/1, 9/8, 9/15, 9/23 and 9/30. Source #19B26 for the weeks ending 9/22 and 9/30.
13. The quarterly isotope inventory for the third quarter was conducted and report on file in accordance with 10 CFR part 34.26.
14. A leak test was made on source # 326 and the results of the test is on file.
15. No leaking sources as of this date.
16. Surveys were conducted properly in accordance with 10 CFR parts 20.201 and 34.43 (d).
17. Survey records are being maintained in accordance with 10 CFR part 20.401 (b) and 34.43. (d).
18. Radiation levels in unrestricted areas were maintained to comply with 10 CFR part 20.105.
19. Posting and labeling requirements are in accordance with 10 CFR parts 20.203 and 19.11 (a) and (b).
20. Procedures for picking up, receiving and opening of all packages and records maintained as required by 10 CFR parts 20.205 and 20.410 (b).
21. Shipping of sources are being conducted in compliance with 10 CFR part 71.5.
22. There have been no shipping incidents to this date.
23. No overexposures or incidents during this quarter.

I sign under oath that I conducted the above audit and that the information given is true and to the best of my knowledge.

Jim D. Mobley  
Jim D. Mobley  
Radiation Safety Officer

10/20/90  
Date

Notary Public Jerry D. Walters  
My Commission Expires My Commission Expires Jan. 17, 1994