



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

FEB 16 1994

Docket: 030-30536
License: 42-26941-01

Beta Diagnostics Services, Ltd.
ATTN: Gordon L. Bilbrey, M.D.
7434 Louis Pasteur, Suite 309
San Antonio, Texas 78229

SUBJECT: NRC INSPECTION REPORT 030-30536/94-01

This refers to the routine, unannounced inspection conducted by Mr. Mark R. Shaffer of this office on January 14, 1994. The inspection included a review of activities authorized by Byproduct Materials License 42-26941-01. At the conclusion of the inspection, the findings were discussed with members of your staff.

The inspection was an examination of activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of the license. The inspection consisted of selective examinations of procedures and representative records, interviews of personnel, and observation of activities in progress.

No violations or deviations were identified; therefore, no response to this letter is required.

The inspection disclosed that the licensee possessed 14 single-photon bone densitometers each of which contained a single iodine-125 sealed source. As of the licensee's most recent physical inventory, conducted on January 3, 1994, the source activities ranged from 23 to 82 millicuries. These devices were used by the licensee's eight technologists to perform diagnostic nuclear medicine procedures as part of a mobile medical service offered throughout the United States.

For work conducted under NRC License 42-26941-01 in non-Agreement states, the licensee maintained records for each temporary jobsite facility which showed that the customer's administration approved the use of the licensed material at their facility. The licensee's authorized user provided supervision of licensed activities by reviewing the results of bone densitometer scans.

The licensee has also maintained Agreement State licenses issued by the States of Arkansas, Kentucky, and Texas. Records disclosed that work was also performed by the licensee under the jurisdiction of other states after being granted reciprocal recognition of its NRC license.

On several occasions the licensee had transferred licensed material to an Agreement State licensee authorized to receive the material. After such

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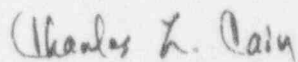
transfers the licensee's technologists had performed diagnostic studies under the Agreement State license while supervised by an authorized user identified on the Agreement State license.

The inspector reviewed records indicating that licensed material was transported in accordance with the appropriate Department of Transportation regulations and as specified in the licensee's procedures manual. Additionally, a log for each source was maintained identifying the date of receipt, locations of use, the person performing the studies and/or transporting the device, and survey meter readings for each work location.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter will be placed in the NRC Public Document Room.

Should you have any questions concerning this letter, please contact the undersigned at (817) 860-8186.

Sincerely,



Charles L. Cain, Chief
Nuclear Materials Inspection Branch

cc:
Texas Radiation Control Program Director

bcc:

- DMB - Original (IE-07) *///*
- LJCallan
- JMMontgomery
- DDChamberlain
- LWCamper
- MMessier, OC/LFDCB (4503)
- *WLFisher
- *CLCain
- *MRShaffer
- *NMIB
- *MIS System
- *RIV Files (2)
- RJDoda
- LKasner
- GE Glenn, NMSS/IMNS (6 H3)

*W/IFS Form

RIV:NMIB*	C:NMIB <i>exc</i>	ADD:DRS <i>exc</i>	AD:DRSS <i>exc</i>	
MRShaffer:nh	CLCain	<i>D</i> LWCamper	<i>exc</i> DDChamberlain	
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*previously concurred

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bcc:
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*previously concurred