

Radiation Safety Officer
Alaska Regional Hospital
2801 DeBarr Rd.
Anchorage, AK 99504
Re: NRC license # 50-18244-01

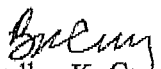
5 Feb 2008

Ms. Janine Katanic, Ph.D.
Health Physicist
Div. of Nuclear Materials Safety
611 Ryan Plaza Dr., Suite 400
Arlington, TX 76011-8064

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FEB 05 2008
DNMS

1. In reply to your phone call request for follow-up on the remedial action we have undertaken, attached is a list of the I-131 cases we have performed here since the commencement of the remedial action plan.
2. The junior Tech is referred to as JT and the Senior Tech as ST. The cases marked as N/A did not involve Junior Tech. As you can see, there were still some deficiencies found on the first two. Further emphasis and hands-on training occurred with each. Since then, the next seven have been successful. As you recall, the plan calls for 10 consecutive successful room clearing, survey, and release procedures before we will pronounce the Junior Tech successfully remediated.
3. I hope this serves to address your needs and concerns. If not, please let me know.

Cordially,


Bradley K. Cruz, MD

**Alaska Regional Hospital
Anchorage, Alaska**

Nuclear Medicine Department
I-131 Therapy room release readings
double checks
pg.1

- Patient admit date 9-13-07 Dose 102.6 mCi I-131
- Discharge date 9-14-07
- Room release date 9-15-07 *****NO*****

Initial readings from JT. Double checked by ST, found a book, pillow and trash bag with above acceptable readings. Removed said material, rechecked and all below acceptable levels. Counseled JT in what was missed, and how ST found said items. Counseled JT on correct procedures to find contamination with survey meter, and how to decontaminate areas of contamination.

- Patient admit date 10-4-07 Dose 100.6 mCi I-131
- Discharge date 10-5-07
- Room release date 10-5-07 *****N/A*****

JT not involved with dosing or checking for room release.

- Patient admit date 10-15-07 Dose 98.1 mCi I-131
- Discharge date 10-16-07
- Room release date 10-17-07 *****NO*****

Initial readings by JT. Double checked by ST, found the mattress and sink above acceptable levels. Removed mattress to storage room, decontaminated sink, rechecked and all below acceptable levels. Counseled JT in what was missed, and how ST found said items. Counseled JT on correct procedures to find contamination with survey meter, and how to decontaminate areas of contamination.

- Patient admit date 10-24-07 Dose 154.9 mCi I-131
- Discharge date 10-25-07
- Room release date 10-30-07 *****OK*****

Initial readings by JT. Contaminated areas found by JT, mattress and sink. Double checked by ST and confirmed findings. Removed mattress and stored in hot storage room. Decontaminated sink with radiac-wash over a couple days. Rechecked and all areas below acceptable levels.

**Alaska Regional Hospital
Anchorage, Alaska**

**Nuclear Medicine Department
I-131 Therapy room release readings
double checks (cont.)
pg. 2**

- Patient admit date 11-1-07 Dose 102.3 mCi I-131
- Discharge date 11-2-07
- Room release date 11-2-07 *****OK*****

Initial readings by JT. All removable contamination was removed and all hot trash removed and stored in hot storage. Rechecked by ST and all areas below acceptable levels.

- Patient admit date 11-7-07 Dose 103.5 mCi I-131
- Discharge date 11-8-07
- Room release date 11-11-07 *****OK*****

Initial readings by JT. All removable contamination was removed and all hot trash removed and stored in hot storage. Rechecked by ST and all areas below acceptable levels.

- Patient admit date 12-18-07 Dose 103.7 mCi I-131
- Discharge date 12-19-07
- Room release date 12-20-07 *****OK*****

Initial reading by JT. All removable contamination was removed and all hot trash removed and stored in hot storage. Rechecked by ST and all areas below acceptable levels.

- Patient admit date 1-8-08 Dose 102.5 mCi I-131
- Discharge date 1-9-08
- Room release date 1-11-08 *****OK*****

Initial readings by JT. All removable contamination was removed and all hot trash removed and stored in hot storage. Rechecked by ST and all areas below acceptable levels.

- Patient admit date 1-14-08 Dose 104.2 mCi I-131
- Discharge date 1-15-08
- Room release date 1-23-08 *****OK*****

**Alaska Regional Hospital
Anchorage, Alaska**

**Nuclear Medicine Department
I-131 therapy room release readings
double checks (cont.)
pg. 3**

Initial readings by JT. Contamination noted on mattress and sink front. Decontamination done on mattress and reduced readings below acceptable levels. Sink readings after decontamination only reduced to 3.0 mR/hr. Under advice from RSO took radiac wash and let it soak into sink counter top. Rechecked again and reading dropped to 2.0 mR/hr. Continued doing this over the next few days. By 1-23-08 in the AM, after a final cleaning with radiac wash, the reading on sink counter top was below acceptable levels to allow release for use.

- Patient admit date 1-24-08 Dose 105.0 mCi I-131
- Discharge date 1-25-08
- Room release date 1-28-08 *****N/A*****

JT not involved with dosing or checking for room release.


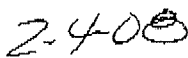
- Patient admit date 1-29-08 Dose 107.5 mCi I-131
- Discharge date 1-30-08
- Room release date 1-31-08 *****OK*****

Initial readings by JT. Contaminated areas found and all hot trash removed and stored in hot storage room. Double checked by ST and confirmed findings. All surveyed areas below acceptable levels.

JT – Staff nuclear medicine technologist
ST- Supervisor of nuclear medicine department

As of 2-4-08

(7) consecutive acceptable room release surveys performed by JT.

	
_____ Supervisor Nuclear Medicine	_____ Date

	
_____ Radiation Safety Officer	_____ Date