

**Gallagher, Carol**

**Subject:** FW: RAI I131

2016 MAR -1 AM 9:30

-----Original Message-----

From: Howe, Donna-Beth  
Sent: Tuesday, February 16, 2016 4:12 PM  
To: ICTconcurrency Resource <ICTconcurrency.Resource@nrc.gov>  
Subject: FW: RAI I131

RECEIVED

-----Original Message-----

From: Anonymous  
Sent: Sunday, February 14, 2016 12:03 AM  
To: Howe, Donna-Beth <Donna-Beth.Howe@nrc.gov>  
Subject: [External\_Sender] RAI I131

11/16/2015  
80 FR 70843  
36

Ms. Howe,

I'm writing in response to a posting by the Thyroid Cancer site, relating to a recent meeting about RAI and information and procedures patients need before, during and after the treatment. I appreciate the opportunity to offer my comments.

During my treatment in 2008, I was surprised at the lack of information my ENT had about RAI procedures. I was told I would be able to return to work in approximately 3 days.

I work in a business in which we have detectors to prevent radioactive materials in. Our "don't go closer" number is 2,000 microRems. I brought home a hand held detector and the meter pegged out at >5,000 microRems for 6 full days at a distance of greater than 50'. I was not able to return to work for over a week and more importantly, would not have wanted to expose coworkers, family or young children to the radiation being emitted during this time. I believe the time that a person going through the treatment should be extended more than the three days I was told. Also, the patient should be told to isolate themselves in a home as I have heard of some people isolating in a hotel which would put others at risk in adjacent rooms.

I inquired before taking the RAI to my ENT, a radiologist and a vet about the effects the treatment could have upon my pets (dog/cat). No one was able to answer this question. I made an assumption if the treatment could affect people negatively, it could also affect animals. I boarded by dogs and kept the cat in the basement. Only later did I find out cats also have thyroids.

Another effect the RAI had that my ENT was unfamiliar with was approximately 3 months after my treatment, my right salivary gland would swell when eating. This was painful and intermittent for several months. Then the left gland did the same thing. My ENT suspected blocked ducts rather than post effects from the RAI.

Feel free to call or email if there are questions.

Thank you,

**SUNSI Review Complete**

**Template = ADM - 013**

**E-RIDS= ADM -03**

**Add= DB Howe (dbh)**