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**From:** "John J. Miller" <jjmiller@intisoid.com>  
**To:** "Tomas Herrera" <TXH1@nrc.gov>  
**Date:** 1/5/06 10:53AM  
**Subject:** RE: NR-1235-S-101-S

Would this be the correct address?

Dr. John Jankovich  
Materials Safety and Inspection Branch  
Division of Industrial and Medical Nuclear Safety  
Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

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

**From:** Tomas Herrera [mailto:TXH1@nrc.gov]  
**Sent:** Thursday, January 05, 2006 5:01 AM  
**To:** jjmiller@intisoid.com  
**Subject:** RE: NR-1235-S-101-S

John,

Address the letter to my Team Leader Dr. John Jankovich, he will make the decision who to assign the case to.

Tomas

>>> "John J. Miller" <jjmiller@intisoid.com> 01/04/06 6:01 PM >>>  
Tomas,

No need to apologize, I could use a nice long vacation myself. I have had my attention focused on the RAMQC order the past 2 weeks but I had drafted a letter as required to seek an amendment to the SS&D. Should I address the letter to you.

John

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

**From:** Tomas Herrera [mailto:TXH1@nrc.gov]  
**Sent:** Tuesday, January 03, 2006 8:22 AM  
**To:** jjmiller@intisoid.com  
**Cc:** John Jankovich  
**Subject:** Re: NR-1235-S-101-S

Good Morning Mr. Miller,

My apologies for not replying sooner I was out on leave from the 22nd and today is my first day back in the office.

Regarding your request for an amendment to NR-1235-S-101-S. Follow the requirements for amendment requests in NUREG-1556 Vol.3, in your request please include any differences in the sources as well as the results of any new prototype testing or justification why previous testing is applicable to the new source.

J-H

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 4  
FOIA- 2006-0087

Please let me know if you have any additional questions.

Tomas Herrera  
301-415-7138

>>> "John J. Miller" <jjmill@intisoid.com> 12/22/05 6:04 PM >>>  
Tomas,

I intend to amend our SS&D, NR-1235-S-101-S to include Category IV Irradiators? The prototypes we fabricated were successfully tested against the ANSI N43.6-1997 classification, 97E53524, which exceeds the test criteria for Category IV Irradiators. We originally only requested Category I, II and III irradiators because our current and prospective customer list only included teletherapy and Cat I through III sources. We have since been contacted by the U.S. Navy and they are in need of a Cat IV source. After reviewing our testing package, the ANSI Standard and ANSI/HPS N43. 10-2001 Safe Design and Use of Panoramic, Wet Source Storage Gamma Irradiators (Category IV) and Dry Source Storage Gamma Irradiators (Category II) I can't find any reason that our sources as designed and tested wouldn't qualify as Category IV Irradiator Sources. The maximum activity for the Cat I-IV sources would remain at [REDACTED]. The changes to the SS&D would be to include Category IV in the Description and add a new Model Number that would coincide with the current Modeling scheme so a Cat IV Irradiator source would have a Model number in the Format: INIS-SF-X.X-YY-Z Series which would make the Z an M. I think I could provide enough detail to address the necessary changes in a letter. Your thoughts on the matter?

Ex.

John J. Miller, CHP  
Radiation Safety Officer  
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