



Region I Office
Division of Nuclear Materials Safety
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Telephone Conversation Record

Date: 3/4/2015

License No.: 07-30728-01

Docket No.(no hyphens): 03035986

Mail Control/Report No.: 585630

Licensee Name: Incyte Corporation

Participant(s) Name/Title: Mark Czerwinski, RSO

Work Telephone No.: 302-498-6827

Business Cellphone No.: Unknown

NRC Representative Name/Title: Dennis Lawyer/ Health Physicist

Subject: RAI, Calculation Problems

I discussed with Mr. Czerwinski that the submitted contamination calculations on the tables submitted were sometimes incorrect and that it was my misunderstanding that the efficiency of the calibration was actually 4 pi instead of the 2 pi that I assumed. The calibration certificate did not specify. I tested some of the contamination calculations and found many in error. Also the time variable for contamination measurement interval for scans is 0.5 seconds which the MDC scan calculations were based on 1 second and off a table in MARSSIM which is based on 2 seconds. I stated that the facility looked like it met the criteria, however, with so many calculation errors, I was not approving for release. I stated that this needed to be submitted to me early next week if it will be completed on this action or I would request for a void of this action in which they could resubmit.

Action Required: Licensee to redo and resubmit.

SUNSI REVIEW		
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SUNSI Review Completed by: D. Lawyer		

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