



Region I Office
Division of Nuclear Materials
Safety
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TELEPHONE CONVERSATION RECORD

Date: October 8, 2013

License No. 01-06571-10 Docket No. 03003575 Mail Control No. 580935

Licensee Name: National Aeronautics and Space Administration

Participant(s) Name/Title: Philip O. Brown, Radiation Safety Officer; Thomas K. Thompson, Senior Health Physicist; Steven R. Courtemanche, Health Physicist

Telephone No: 256-544-5738 Work Cell

SUBJECT: Information Required for a Revised DFP.

DISCUSSION: 9/16/2013 (13:40) Mr. Thompson and I contacted Mr. Brown after determining that the e-mail exchanges between Thompson and Brown were ineffective. We explained to Mr. Brown that the purpose of the phone call was to explain the process that he should be using to provide the NRC with a reevaluation of the DFP. I requested that he keep notes of the process and ask questions as the process was explained. The historical overview of the program is a review of the use of all types of licensed material by the licensee since the inception of the program. Mr. Brown stated that he did not have records going back to the beginning of the program. I stated that he should interview previous RSO and authorized user so that he could determine if the records on-hand accurately represented areas where licensed material was used. The historical review should document Mr. Brown's attempts to gather additional information. The licensee should then divide up the areas into the types of use of licensed material in each area: (1) Areas where only unsealed byproduct material (BPM) with a half-life of less than 120 days was used or stored, (2) areas where unsealed BPM with a half-life equal to or greater than 120 days was used or stored, (3) areas where only sealed sources were used or stored. Since areas described in (1) and (3) do not require financial assurance, no further documentation is required for these areas. Since dispersible source material is authorized at a level not requiring financial assurance, no further documentation is required. Considerations

for areas described in (3) are whether a fume hood was used; licensed material was disposed of through the sanitary sewers, i.e., sink disposals; or records indicating that areas requiring decontamination exist. Calculations for the DFP must include: (1) An approximation of the square footage of laboratory or storage space involved for each area, (2) An approximation of how much ductwork, drainage pipe or glove boxes are involved and whether attempts will be made to decontaminate the items or will be disposed of as radioactive waste, (3) An approximation of the amount of time required to plan, perform the required surveys, decontaminate items, package waste, and perform administrative items (Note: Use the Department of Labor, Bureau of Statistics, Occupation links to determine the average pay scales for health physicists, administrative staff, technicians, etc. The licensee should assume that only contractor labor is used and not its own staff.), (4) The costs of supplies used for conducting the surveys and packaging waste for shipment, and (5) Contact radioactive waste brokers and determine the current costs of shipping and ultimate disposal of 55-gallon drums at a licensed facility. Use the tables in NUREG-1757, Volume 3, Revision 1 to aid you in your calculations for each of your areas.

SUNSI Review Completed By:

/ RA /

Steven R. Courtemanche

X

Public

Non-Public

X

Non-Sensitive

MD 3.4 Non-Public B.1
Add all categories