



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 E. LAMAR BLVD
ARLINGTON, TX 76011-4511

May 9, 2018

Mr. Michael Fernald, M.S., Radiation Safety Officer
Wyoming Medical Center
1233 East Second Street
Casper, WY 82601

SUBJECT: RESPONSE TO CLARIFICATION REQUEST

Dear Mr. Fernald:

The U.S. Nuclear Regulatory Commission (NRC) has received your letter dated December 27, 2017, requesting clarification for the information requested in letter dated November 1, 2017 Amendment Number 91 to NRC License Number 49-00152-02. The information requested involved updating the material authorized under 35.400 to include individual possession limits per source listed in sections 6.D., 6.E., 6.F., 6.G., and 6.H. The request was in accordance with revised NRC licensing guidance for web-based licensing (WBL) system which requires us to designate possession limits per source as permitted by 35.400. Additionally, Rev. 3 of NUREG 1556, Vol. 9 (DRAFT), pg. 8-5 will request the following information:

35.400, 35.500, 35.600 Use: The radionuclide; the chemical/physical form (e.g., sealed source or device identified by manufacturer and model number); the activity per source and the total activity in becquerels (Bq), microcuries (μCi), millicuries (mCi), or curies (Ci), including replacement sources; and the maximum number of sources or activity possessed at any one time must be specified. Applicants should include all possible alternate source models they might use in order to minimize the need for license amendments if they change model or vendor.

The current guidance is being revised to include this information. You may submit the information with your next amendment request. Provide the information listed below in yellow highlight.

| Byproduct material | Form | Maximum amount | Authorized use |
|--|--|---|---|
| Iridium-192 permitted by 10 CFR 35.400 | List manufacturer's name and model's number for all the Ir-192 sealed sources. | Since different source models vary in activity strength indicate total activity for each model Ir-192 source. | For any manual brachytherapy procedure permitted by 10 CFR 35.400 |
| Cesium-137 permitted by 10 CFR 35.400 | List manufacturer's name and model | Since different source models vary in activity strength indicate total | For any manual brachytherapy |

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|--|---|--|---|
| | numbers for all the Cs-137 sealed sources. | activity for each model Cs-137 sources. | procedure permitted by 10 CFR 35.400 |
| Palladium-103 permitted by 10 CFR 35.400 | List manufacturer's name and model numbers for all the Pd-103 sealed sources. | Since different source models vary in activity strength indicate total activity for each model Pd-103 sources. | For any manual brachytherapy procedure permitted by 10 CFR 35.400 |
| Provide the same information listed above for any other radionuclide used in 35.400 if applicable. | | | |

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,



Michelle M. Hammond, M.Sc., Health Physicist
Materials Licensing and Inspection Branch

Docket: 030-03495
License: 49-00152-02
Control: 602202