

Office Memorandum • UNITED STATES GOVERNMENT

87 2534-12616
3D-3927TO : Cecil R. Buchanan, Isotopes Extension
Oak Ridge

DATE: April 15, 1957

FROM : Robert F. Barker, Radiation Safety Branch
Division of Civilian Application, Washington

SUBJECT: DIAMOND ORDNANCE FUSE LABORATORY APPLICATION

SYMBOL: CA:RFB

Enclosed is a copy of the application which is being filed by the Diamond Ordnance Fuse Laboratory. This carbon was sent to us as a courtesy copy in order that it could be considered and any questions clarified concurrent with the review by the Surgeon General's Office. Therefore, if you have any questions concerning this application, you may wish to clarify them directly with the Diamond Ordnance Fuse Laboratory in order that when approval is granted by the Surgeon General's Office, Oak Ridge will not have any further need to delay in granting the license.

The purpose of this is to make it possible for the Diamond Ordnance Fuse Laboratory to obtain a valid byproduct material license as quickly as possible since they are outside the jurisdiction of any valid authorization now. Further, it is to expedite covering 225 millicuries of cobalt which is needed by May 15 for a special project. This requires a reserve number in order to meet the project deadline. That material is covered in this enclosed application.

4-25-57 (IB)

Call to Mr. ~~Edward~~ W. S. Himman, Diamond Ordnance Fuze Laboratory, Washington, D. C. Mr. Himman was not familiar with the applications submitted by DOFL and said that someone else more familiar would call back.

4-26-57 (IB)

Call from Mr. Edward Conrad, DOFL, Washington re applications for Co 60, Co 137 and Tm 170. The first of the three applications submitted was for 1515 mc Co sources, 1 19 mc. source, 1 1 mc. source and a 29 mc. Co source which are to be used for classified projects. This work involves taking the sources to field locations. Clarified with Mr. Conrad and ~~f~~ each source would have its own storage container. Asked that he clarify construction and sealing ~~f~~ of the sealed source and that DOFL supply instructions regarding their use in the field to personnel. There is some urgency about obtaining the sources and Mr. Conrad said that he would wire the information as soon as ~~he~~ he could.

Asked about administrative procedures for use of the Tm source in the Iso-X camera. RFB and JIM had visited DOFL and given them copies of ~~the~~ RC-17 and asked that they submit the instructions using Section III as a guide. Mr. Conrad had not obtained any of these and said that we would send him additional copies. He said that they had not as yet obtained any Tm and he thought that they were using 30 C of Co in the Iso-X. This did not appear to be correct and asked that he submit an application to cover Co which they had in their ~~pos~~ possession.

4-25-57 (IB)

Call from R. F. Barker, DCA, Washington re applications from DOFL. Discussed briefly the application for the Co 60 sources and RFB said that in visiting DOFL that they could not find out the exact use for the sources since it was classified. He said that tagging of these sources would lead to undue hardship for the particular tests they desire to carry out. He recommended that tagging be waived. He also said that he had discussed the use of the Iso-X ~~and~~ and requested that they submit administrative procedures as outlined in RC-17. He said that there was some urgency about the Co 60 sources and I told him that I would call DOFL in order to expedite their receiving a license.

4-25-57 (NB)

Call to Mr. ~~W. S. Hinman~~ W. S. Hinman, Diamond Ordnance Fuse Laboratory, Washington, D. C. Mr. Hinman was not familiar with the applications submitted by DOFL and said that someone else more familiar would call back.

4-25-57 (NB)

Call from Mr. Edward Conrad, DOFL, Washington re applications for Co 60, Cs 137 and Tn 170. The first of the three applications submitted was for 1515 mc Co sources, 1 1/2 mc. source, 1 1 mc. source and a 15 mc. Cs source which are to be used for classified projects. This work involves taking the sources to field locations. Clarified with Mr. Conrad and ~~each~~ each source would have its own storage container. Asked that he clarify construction and sealing ~~of~~ of the sealed source and that DOFL supply instructions regarding their use in the field to personnel. There is some urgency about obtaining the sources and Mr. Conrad said that he would wire the information as soon as ~~it~~ he could.

Asked about administrative procedures for use of the Tn source in the Iso-X camera. RFB and JEM had visited DOFL and given them copies of ~~the~~ RC-17 and asked that they submit the instructions using Section III as a guide. Mr. Conrad had not obtained any of these and said that we would send him additional copies. He said that they had not as yet obtained any Tn and he thought that they were using 30 C of Co in the Iso-X. This did not appear to be correct and asked that he submit an application to cover Co which they had in their ~~possession~~ possession.

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