



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

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MEMORANDUM FOR RECORD

19 December 2023

Subject: COBALT-60 IRRADIATION FACILITY RADIATION SAFETY OFFICER (RSO) QUALIFICATIONS

References: (a) Nuclear Regulatory Commission License 19-08330-03

1. The purpose of this memorandum is to formally attest that MAJ Jacob Vincent has met the qualifications to be the RSO for the High-Level Cobalt-60 Irradiation Facility located at AFRRRI. MAJ Vincent meets all of the educational requirements outlined in the application for NRC license 19-08330-03, paragraph 8.2b(3)(a). He possesses a Master of Science degree in Health Physics as well as more than 17 years of practical experience in the field of radiological safety and has served as a Radiation Safety Officer for over four years at other facilities.
2. I certify that MAJ Vincent has completed the minimum of 4 hours of on-the-job training (OJT), in the High-Level Cobalt-60 Irradiation Facility, per the training standard outlined in 8.2b(3)(b) of the application for NRC License 19-08330-03. He scored 93% on the 15-question written exam and 90% on the 20-question oral exam; both tested his knowledge of safety operations and emergency procedures.
3. I certify that MAJ Vincent has reviewed both 10 CFR 36 and NUREG 1345 (Review of Events at Large Pool-Type Irradiators).
4. Per reference (a), specifically the stipulation found in section 7.7.1.b.(5) of the license application for NRC License 19-08330-03, dated ca. 2014, the AFRRRI RSO must be approved by the AFRRRI Reactor and Radiation Facilities Safety Subcommittee (RRFSS). On December 7, the RRFSS convened for its regular semi-annual meeting. During this session of the meeting MAJ Jacob Vincent was voted for and approved as the RSO.
5. MAJ Vincent replaced Mr. Jeff Sumlin as the RSO for AFFRI on 5 September 2023. As of the date of this memorandum he has been serving in a full-time capacity as the RSO for AFFRI for a period of 105 days.
6. The point of contact for this subject is MAJ Jacob Vincent, who can be reached by phone: 301-295-1285 or email at jacob.vincent@usuhs.edu.

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SUSAN L. WHITEWAY, MD
Col, USAF, MC
Chair, Radiation Safety Committee