



Department of Energy

Office of Science
Fermi Site Office
Post Office Box 2000
Batavia, Illinois 60510

FEB 24, 2021

MEMORANDUM FOR: SALMA EL-SAFWANY
CHAIR

FROM: RICK VERHAAGEN, MANAGER FERMI SITE OFFICE

SUBJECT: FERMI RESEARCH ALLIANCE (FRA)
RADIOLOGICAL PROTECTION PROGRAM (RPP) REVIEW

In consultation with the Office of Deputy Director for Field Operations, Fermi Site Office is requesting your assistance to lead an independent review team focusing on the FRA RPP areas listed below. This updated request is a revision to the request of December 8, 2020, and is intended to narrow the scope of the review. Within the narrowed scope, please focus on and address the lines of inquiry in the previously provided Criteria Review and Approach Document (CRAD).

The revised Review focus areas are as follows:

1. Does Fermilab have a RPP that meets the requirements of 10 CFR 835, *Occupational Radiation Protection Program*, and DOE O 458.1, Chg. 4, *Radiation Protection of the Public and the Environment*?
2. Where are the potential exposure risks to the public? Is the risk to the public managed by the Laboratory in accordance with ALARA principles and DOE regulations?
3. Does Fermilab sufficiently protect workers, onsite residents, and the visiting public from potential radiation exposures per 10 CFR 835, *Occupational Radiation Protection Program*, and DOE O 458.1, Chg. 4, *Radiation Protection of the Public and the Environment*?
4. Does Fermilab have effective on-site contamination control procedures and processes in place per 10 CFR 835, *Occupational Radiation Protection Program*?
5. Are the Fermilab eating, drinking, and smoking controls and practices adequate for Radioactive Material Areas?
6. Based on the expertise and experience of the team, what best practices for the areas being assessed should be considered for implementation at Fermilab?

Due to the ongoing pandemic the review, including interviews, walk-throughs, and work observations, will be done remotely using available technology such as Microsoft Teams or Zoom. If there becomes a need to visit the site, please contact me to discuss options.

Please provide me and the Office of Science Chief of Nuclear Safety (CNS) a final out brief no later than March 31, 2021, and a final report no later than April 30, 2021.

cc: J. M. Serra, SC-4
J. Scott, SC-FSO
R. Madiar, SC-FSO