

From: [Osiris Siurano-Perez](#)
To: [Claus, Nathan James](#)
Cc: [Samantha Lav \(She/Her/Hers\)](#); [Joseph Goodridge](#); [Glenn Tuttle](#); [Diane Jackson \(She/Her\)](#)
Subject: Purdue University License Renewal- RAI Response Clarification Request
Date: Thursday, May 16, 2024 2:17:00 PM
Importance: High

Nathan Claus
Radiation Safety Officer
Purdue University
550 Stadium Mall Drive
West Lafayette, IN 47907

Mr. Claus:

This is to follow-up and document our May 3, 2024, virtual call to request clarification to one of Purdue's, March 25th, 2024, responses (Agencywide Documents Access and Management System (ADAMS) Accession Number [ML24086A458](#)) to the U.S. Nuclear Regulatory Commission (NRC) staff request for additional information (RAI) dated February 23, 2024 ([ML24032A472](#)), regarding written procedures for material control and accounting (MC&A).

During the call, the NRC staff informed you that, based on its assessment of the response to question number MC&A-5, Purdue had not adequately responded to or addressed the NRC staff's concerns. The NRC staff determined that the response did not confirm or assert whether Purdue had established, maintained, and followed written MC&A procedures that are sufficient to enable them to account for the special nuclear material in its possession in accordance with the requirements in 10 CFR 74.19(b). The staff wanted clarification to the RAI response that would confirm that actual written procedures exist at Purdue for conducting the MC&A activities in accordance with the NRC regulations.

During the discussion, you stated that Purdue maintains a software (Environmental Health and Safety Assistance – EHSA) that assists Purdue staff through reminders of when a specific MC&A activity needs to be performed but that these reminders do not actually describe a process for how to conduct the activity. The NRC staff noted that Purdue's reminders do not actually meet the requirements and, as such, you committed to develop the procedures and have those available for NRC staff inspection when requested.

We request that you **supplement Purdue's response to RAI MC&A-5 via letter to me** (see address below) confirming the information discussed during the call and discussed above. Please include any additional clarification to the RAI response that you may consider necessary to address the identified deficiency.

Please contact me should you have any questions by replying to this message or by phone at 301-415-7827.

In accordance with 10 CFR Part 2, "Agency Rules of Practice and Procedure," the NRC staff will make a copy of this communication, and your response, available electronically for public inspection in the NRC Public Document Room (PDR) or from the Publicly Available Records component of the NRC's ADAMS. The NRC's ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. The PDR is open by appointment.

To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call 1-800-397-4209 or 301-415-4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

Thanks!

Osiris Siurano-Pérez, Project Manager
Fuel Facility Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards
Mail Stop T4B34
Rockville MD 20852
Tel. (301) 415-7827