

February 12, 2021

RECEIVED
02/16/2021

Ms. Michelle Hammond
Nuclear Materials Safety Branch B
1600 E. Lamar Blvd
Arlington, TX 7601

Mail Control Number: 624617
Docket Number : 3038681
License Number : 40-35101-01
Licensee Name : South Dakota Science & Technology Authority

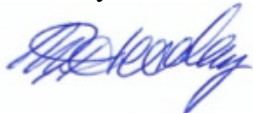
Ms. Hammond,

In accordance with our NRC license's (No. 40-35101-01) conditions, we are submitting an amendment request.

1. We are requesting a modification to Line I. We are asking to increase the total possession limit to 125 μCi total and be allowed two identical sealed sources instead of one. We want to keep the 100 $\mu\text{Ci}/\text{source}$ limit.
2. Increasing the activity possession limit to 125 μCi and two devices will enable us to perform a direct exchange of the gas panels in real time.

If you have any questions or need any other information, please contact David Rynders at 605-722-4057 or DRynders@sanfordlab.org.

Sincerely,



Michael Headley
Executive Director
Sanford Underground Research Facility

From: [Hammond, Michelle](#)
To: [Hill, Carol](#)
Subject: FW: SDSTA License Amendment for I-131
Date: Wednesday, February 17, 2021 8:34:30 AM
Attachments: [I 131 LZ Source NRC Amendment Request 12 Feb 2021.pdf](#)

Please set this up. Latishca has an existing action for them.

From: David G. Rynders <drynders@sanfordlab.org>
Sent: Tuesday, February 16, 2021 9:22 AM
To: Hammond, Michelle <Michelle.Hammond@nrc.gov>
Subject: [External_Sender] SDSTA License Amendment for I-131

Ms. Hammond,

We are requesting to modify our Line I. We are asking to increase the total possession limit from 100- 125 microcuries and be allowed two devices with a limit of 100 microcuries each. We want to be able to exchange the decayed gas panel with a replacement. Currently, we cannot do the exchange with the license conditions. We have not started operations with this source.

Please contact me if you have any questions.

David Rynders



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Mr. David Rynders, CHP, CSP
South Dakota Science and Technology
Authority (SDSTA)
630 E. Summit Street
Lead, South Dakota 57754

Date

02/17/2021

License Number(s)

40-35101-01

Mail Control Number(s)

624617

Licensing and/or Technical Reviewer or Branch

C. Hill

This is to acknowledge receipt of your: Letter and/or Application Dated: 02/12/2021

The initial processing, which included an administrative review, has been performed.

Amendment Termination New License Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

The following administrative omissions have been identified:

[Empty box for administrative omissions]

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region IV
U. S. Nuclear Regulatory Commission
DNMS/NMSB - B
1600 E. Lamar Boulevard
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140

Agency: NRC

WBL WORKSHEET

DOCKET NUMBER: 3038681 LICENSE NUMBER: 40-35101-01 STATUS: Pending Amendment

MAIL CONTROL NUMBER: 624617 RECEIPT DATE: 02/16/2021 ACTION TYPE: Amendment

DUE DATE: 05/17/2021 INST. CODE: 35101 LICENSE REGION: Region 4

LICENSE TYPE: 30 ENTITY TYPE: S LICENSE GROUP: Academic

ISSUE DATE: ORIGINAL DATE: 11/16/2013 EXPIRATION DATE: 11/30/2023

DECOMMISSIONING CATEGORY: Group 1 LAST ISSUE DATE:

LICENSEE NAME: South Dakota Science & Technology Authority DECOM FIN ASSUR REQD: N
SUBM: N

MAILING ADDRESS LINE1: 630 E. Summit Street CONT PLAN REQD: N APPRV: N

MAILING ADDRESS LINE 2:

CITY: Lead STATE: SD ZIP: 57754

CONTACT PERSON: PREFIX: FIRST NAME: David MIDDLE INITIAL: G.

LAST NAME: Rynders SUFFIX: CHP, CSP

JOB TITLE: Radiation Safety Officer PHONE: 605-722-4057 FAX: EMAIL: drynders@sanfordlab.o

BILLING ADDRESS LINE 1:

BILLING ADDRESS LINE 2:

CITY: STATE: South Dakota ZIP:

BILLING CONTACT PERSON: FIRST NAME: MIDDLE INITIAL: LAST NAME:

PHONE: EMAIL: FAX:

PRIMARY PGM CODE: 03612 SECONDARY PGM CODE:

INSPECTION REGION: Region 4 PRIORITY: 5

RSO: PREFIX: FIRST NAME: David MIDDLE INITIAL: G. LAST NAME Rynders

SUFFIX: RSO JOB TITLE: Radiation Safety Officer

RSO PHONE: 605-722-4057 RSO FAX: RSO EMAIL: drynders@sanfordlab.org

STATES WHERE USE IS AUTHORIZED: 0- ALL LISTED STATES
1- SAME AS STATE IN ADDRESS
2- ALL STATES
3- NON-AGREEMENT-STATES

AUTHORIZED STATES (USE ONLY IF ABOVE IS ZERO):