



Idaho State University

December 20, 2021

ATTN: Documents Control Desk
Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

RE: Idaho State University-Special Nuclear Materials License Number 1373, Amendment Request to Update University Officers Roster
Docket Number (70-1374)

Dear Mr. Siurano-Perez:

I am writing to request an update to the university officers' roster for SNM License Number 1373. (This change is also relevant to the reactor license, Facility License R-110, Docket No. 50-284, thus, Mr. Xiaosong Yin is copied on this letter.)

The updates include the elimination of an Assistant Reactor Administrator and the replacing Mr. John Longley as Radiation Safety Officer (retirement) with Mr. Mason Jaussi.

First, we have eliminated the Assistant Reactor Administrator both due to the retirement of Dr. George Imel, who held this title, and due to the expanded experience of our current Reactor Administrator, Dr. Mary Lou Dunzik-Gougar. Since taking the role of Reactor Administrator, Dr. Dunzik-Gougar has been licensed as both a Reactor Operator and Senior Reactor Operator and knows the reactor well.

Second, we are replacing Mr. John Longley as the Radiation Safety Officer (retirement) with Mr. Mason Jaussi. As outlined in Amendment 7 of our license, the minimum qualifications for the Reactor Safety Officer are as follows:

- BS (or higher degree) in health physics, nuclear engineering, or closely related field, and five years of experience related to health physics/radiation protection OR
- Certification by the American Academy of Health Physics or nominally equivalent relevant certification

As indicated in the attached curriculum vitae, Mr. Mason Jaussi exceeds these minimum qualifications:

- Mr. Jaussi holds a Master of Science in Health Physics and has approximately six years of professional experience in health physics and radiation protection; five of which are with Idaho State University's radiation protection program.

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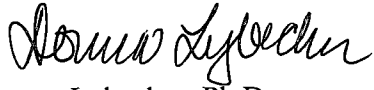
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These requested changes are reflected in the attached "Roster of University Officials and Nuclear Personnel Responsible for Materials License SNM-1373, Docket No. 70-1374." (Both a clean version and one that shows the changes are attached.)

If you have any additional questions, please contact me via email at lybedonn@isu.edu

Sincerely,



Donna Lybecker, Ph.D.
Acting Vice President for Research
Idaho State University
Pocatello, Idaho 83209

Cc:

Mr. Osiris Siurano-Perez, NRC (Osiris.Siurano-Perez@nrc.gov),
Mr. Kevin Ramsey, NRC (Kevin.Ramsey@nrc.gov),
Mr. Jake Zimmerman, NRC (Jacob.Zimmerman@nrc.gov),
Mr. Jonathan Rowley, NRC (Jonathan.Rowley@nrc.gov),
Mr. Xiaosong Yin, NRC (Xiaosong.Yin@nrc.gov),
Dr. Mary Lou Dunzik Gougar, ISU (mldg@isu.edu),
Mr. Mason Jaussi, ISU (masonjaussi@isu.edu)

**Roster of University Officials and Nuclear Personnel
Responsible for Materials License SNM-1373, Docket No. 70-1374**

(December 2021 Requested Changes)

President of the University

Kevin Satterlee, J.D.
264 Administration Building, Mail Stop 8310
Idaho State University
Pocatello, ID 83209-8310
Tel: (208) 282-3440
Email: sattkevi@isu.edu

Vice President for Research (Responsible University Officer)

Donna Lybecker, Ph.D.
106 Administration Building, Mail Stop 8130
Idaho State University
Pocatello, ID 83209-8130
Tel: (208) 282-2592
Email: lybedonn@isu.edu

Chairperson of the Reactor Safety Committee

Kermit Bunde, P.E.
US Department of Energy, Idaho Operations Office
1995 Fremont Street
Idaho Falls, ID 83415
Tel: 208-526-5188
Email: bundeka@id.doe.gov

Radiation Safety Officer

Mason Jaussi, M.S.
206, Idaho Accelerator Center Mail Stop 8042
Idaho State University
Pocatello, ID 83209
Tel: (208) 282-5652
Email: masonjaussi@isu.edu

Reactor Administrator and Acting Reactor Supervisor

Mary Lou Dunzik-Gougar, Ph.D.
Center for Advanced Energy Studies
Idaho State University
Pocatello, ID 83209-8060
Tel: (208) 533-8111
Cell: (208) 569-9915
Email: mldg@isu.edu

Reactor Supervisor in Training

Jonathan Scott
Lillibridge Engineering Laboratory
Idaho State University
Pocatello, ID 83209-8060
Tel: (208) 282-1491
Cell: (573) 466-2792
Email: scotjon3@isu.edu

**Roster of University Officials and Nuclear Personnel
Responsible for Materials License SNM-1373, Docket No. 70-1374**

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US Department of Energy, Idaho Operations Office
1995 Fremont Street
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Tel: 208-526-5188
Email: bundeka@id.doe.gov

Radiation Safety Officer

John Longley, CHP
Eames Complex 123
Idaho State University
Pocatello, ID 83209-8263
Tel: (208) 282-5652
Email: longjohn@isu.edu

Mason Jaussi, M.S.

206, Idaho Accelerator Center Mail Stop 8042
Idaho State University
Pocatello, ID 83209
Tel: (208) 282-5652
Email: masonjaussi@isu.edu

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Idaho State University
Pocatello, ID 83209-8060
Tel: (208) 533-8111
Cell: (208) 569-9915
Email: mldg@isu.edu

Assistant Reactor Administrator

George Imel, Ph.D.

Lillibridge Engineering Laboratory
Idaho State University
Pocatello, ID 83209-8060
Tel: (208) 282-3732
Fax: (208) 282-4538
Email: gimel@isu.edu
ISU Personnel Roster

Reactor Supervisor in Training

Jonathan Scott
Lillibridge Engineering Laboratory
Idaho State University
Pocatello, ID 83209-8060
Tel: (208) 282-1491
Cell: (573) 466-2792
Email: scotjon3@isu.edu

MASON JAUSSE

masonjaussi@isu.edu

EDUCATION

- Idaho State University | Master of Science in Health Physics** Graduated: May 2018
GPA: 3.8
- Idaho State University | Bachelor of Science in Physics (Health Physics)** Graduated: May 2015
GPA: 3.1

EXPERIENCE

- Assistant Radiation Safety Officer/Health Physicist** **Feb. 2019 – Present**
Idaho State University | Idaho Accelerator Center
- Provide technical guidance and oversight for all radiological operations performed under ISU's NRC issued Type A Broad Scope, Isotope Production, Reactor, and Special Nuclear Material licenses.
 - Development, implementation, and continued improvement of the ISU Radiation Safety Program in accordance with the requirements of 10 CFR 20 and IDAPA 16.02.27.
 - International and domestic shipping of medical isotopes and radioactive materials.

- Health Physicist** **Aug. 2016 – Feb. 2019**
Idaho State University | Center for Advanced Energy Studies
- Implementation of federal and state regulations, particularly 10 CFR 20 and IDAPA 16.02.27.
 - Development and implementation of CAES and ISU Radiation Safety programs, policies and procedures.
 - Provide radiological training to researchers and staff including the use of radiological fume hoods and gloveboxes.

- Nuclear Safety Analysis Engineer** **Sept. 2015 – Aug. 2016**
Battelle Energy Alliance | Idaho National Laboratory
- Prepared and reviewed technical safety analysis and safety basis documents to support operations at the Materials and Fuels Complex.
 - Planning, scheduling, and tracking of assigned safety analysis tasks, and preparation of safety analysis reports, technical safety requirements (SARs/TSRs) that meet customer expectations (specifically, the nuclear safety rule, 10CFR830 & 10CFR835).
 - Performed, revised, and reviewed dose consequence analyses and Engineering Calculations Analysis Reports (ECAR) through use of software such as MCNP6, RSAC, and MicroShield.

TECHNICAL SKILLS AND RESEARCH

Relevant Software Skills:

MicroShield | MCNP6 | RSAC 6.2 | COMPLY | HotSpot | VARSKIN3 | R | Excel | MySQL

- Development and Application of an Am-DTPA Biokinetic Model** **2018**
Idaho State University, M.S. Health Physics, Thesis
- Stochastic Modeling of Radioactive Materials Release from DOE Facilities** **2015**
Idaho State University, B.S. Health Physics, Senior Design Project

PROFESSIONAL ORGANIZATIONS

American Academy of Health Physics Associate Member	2019 - Present
National Health Physics Society Member	2013 - Present
Eastern Idaho Chapter - Health Physics Society Member	2013 - Present

RELEVANT TRAINING AND CERTIFICATIONS

Part 1 - ABHP Exam American Board of Health Physics	Jul. 2019
Advanced Mixed Waste Shipper (DOT) Atkins, 24-hr certification	Oct. 2021
Air Transport of Radioactive Materials (IATA/DOT) Atkins, 8-hr re-certification	Mar. 2021
Advanced Radioactive Materials Shipper (IATA/DOT) Atkins, 24-hr certification	Feb. 2019
Laboratory Operations Supervisor Academy (LOSA) U.S. Department of Energy, Argonne National Laboratory	Nov. 2018
Radiation Safety Officer Dade Moeller/NV5 40-hour certification	Aug. 2018

REFERENCES

Available upon request