

Idaho State UNIVERSITY

Office for Research
921 South 8th Avenue, Stop 8130 • Pocatello, Idaho 83209-8130

July 7, 2016

70-1374

United States Nuclear Regulatory Commission
Fuel Manufacturing Branch
Attn: Kevin Ramsey
Mail Stop: E2-C40M
11555 Rockville Pile
Rockville, MD 20852

Dear Mr. Ramsey:

We request an amendment to USNRC License SNM-1373 to replace Mr. Peter C. Farina with Dr. Richard Brey, PhD, CHP, as the Radiation Safety Officer.

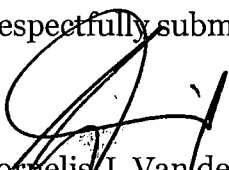
A copy of Dr. Brey's CV is included along with this amendment request as attachment 1. Dr. Brey previously served as the Radiation Safety Officer at Idaho State University for this license from January 2006 to May 2011. He is a certified health physicist with over 25 years of health physics and radiation protection experience.

Also, as a point of information, please note that Mr. Adam Mallicoat has been replaced with Mr. Maxwell Daniels, BS, SRO, as Reactor Supervisor.

A copy of Mr. Daniels CV is included along with this amendment request as attachment 2. Mr. Daniels completed his BS in nuclear engineering at ISU in the spring of 2015 and will complete his MS in nuclear science and engineering in the fall of 2016. He has worked at the reactor facility for two year, during which time he earned is Senior Reactor Operator license and assisted the Reactor Supervisor with a variety of duties.

We thank you in advance for your consideration and cooperation on the requested amendment to USNRC license SNM-1373. If you have any questions or require any more information, please contact me at vanderschyf@isu.edu.

Respectfully submitted,


Cornelis J. Van der Schyf
Vice President for Research and Dean of the Graduate School

Enclosure

NMSSDI

Attachment 1

Richard R. Brey, Ph.D., C.H.P.

College of Science and Engineering
Idaho State University

Telephone: (208) 282-4539

FAX:

(208)-282-4649

Pocatello, ID 83209

Breyrich@ISU.EDU

POSITIONS

June 2013-Present State University	Interim Dean College of Science and Engineering (Idaho State University, Professor of Health Physics (2003) <i>Director, Health Physics Program</i> <i>Director, Environmental Assessment Laboratory since 1995-present (analyzes 1,200 samples/quarter)</i> <i>January 2013 – 2015: Chair ISU Department of Nuclear Engineering and Health Physics</i> <i>September 2010 – January 2013: Associate-Chair ISU Department of Nuclear Engineering and Health Physics</i>
July 1994-Present	
Sept. 2009 – Sept. 2010	Acting Chair ISU Dept. of Physics
Jan. 2006 – May 2011	Director ISU Technical Safety Office Radiation Safety Officer on ISU's NRC Broad Scope License 11-27380-01
Jan. 1994 - June 1994	Purdue University School of Health Sciences <i>Teaching Assistant</i>
Aug. 1990 - Dec. 1993	Purdue University <i>DOE Graduate Fellow</i>
May 1991 - Aug. 1991	INEL, EG&G Idaho, Environmental Technology Unit <i>Intern</i>
Aug. 1989 - Aug. 1990	Purdue University School of Health Sciences <i>Teaching Assistant</i>
May 1987 - Aug. 1987	American Electric Power Service Corp., Nuclear Operations, Radiological Support Section, Columbus, OH <i>Intern</i>
July 1983 - July 1986	Indiana & Michigan Electric Company, D.C. Cook Nuclear Power Station, Bridgman, MI <i>Chemistry Radiation Protection Technician (Intern 81-83)</i>

35 Years of Experience in Health Physics, CHP – Elected Member of the National Council of Radiation Protection and Measurements with more than a decade of high level administrative experience – currently Dean in charge of \$14.6 million dollar budget in an academic unit with 200 faculty and staff generating \$35 million in revenue annually.

A career with almost continuous concurrent experiences

EDUCATION

Ph.D.	1994, Health Physics, Purdue University
M.S.	1990, Health Physics, Purdue University
B.S.	1988, Health Physics/Industrial Hygiene, Purdue University
A.A.S.	1983, Nuclear Power Technology, Terra Technical College

PROFESSIONAL CERTIFICATION

American Board of Health Physics – **Certified Health Physicist**

FIELDS OF SPECIALIZATION

Expertise in internal dosimetry; recently engaged with United States Transuranium and Uranium Registry on evaluation of historical exposures and redefining transfer coefficients using IMBA and other propriety software (See publications)

Health Physics fundamentals/Radiation detection instrumentation practice and theory

Radiation dose and dose rate effects on chemical and biological systems

The physics and modeling of hazardous material transport through porous media

ANSI/HPS N13.1-199 compliance /sampling and ventilation

HONORS AND AWARDS

Awards:

Elda E. Anderson Award - A national award bestowed by the Health Physics Society

See: * Health Physics, Vol. 83, No. 6, December 2002, p815.

* The Health Physics Society Newsletter Volume XXX Number 8,
August 2002, p 16

Honor Societies:

Phi Kapa Phi National Honor Society

Eta Sigma Gamma Honor Society

Golden Key National Honor Society

Fellowships and Scholarships:

DOE Environmental Restoration and Waste Management Fellowship

I.N.P.O. Graduate Fellowship & I.N.P.O. Undergraduate Scholarship

Health Physics Society Fellowship

D.C. Cook Scholarship/Internship Award

PROFESSIONAL ASSOCIATIONS

**Council Member – National Council on Radiation Protection and Measurements
(Elected to Council March 2013)**

Health Physics Society

President/President Elect of the HPS Accelerator Section 2010 - present

Health Physics Society Liaison/Representative to ABET 2000 - 2007

Health Physics Society (national) Secretary / Secretary Elect (2004 - 2007)

Chair Academic Education Committee (1998 - 2003)

Summer School Committee (2001-2002)

Public Education Committee (1996-1997)

Eastern Idaho Chapter of the Health Physics Society & ISU Student Branch Advisor

Eastern Idaho Chapter of the Health Physics Society (EICHPS)

President (1999 - 2000)

President Elect (1998 - 1999)

Secretary (1996-1997)

American Nuclear Society and Idaho Chapter American Nuclear Society

American Industrial Hygiene Association and Teton Chapter of AIHA

American Conference of Governmental Industrial Hygienists

American Academy of Health Physics

ABET-ASAC Commissioner (at large 2007 – 2011)

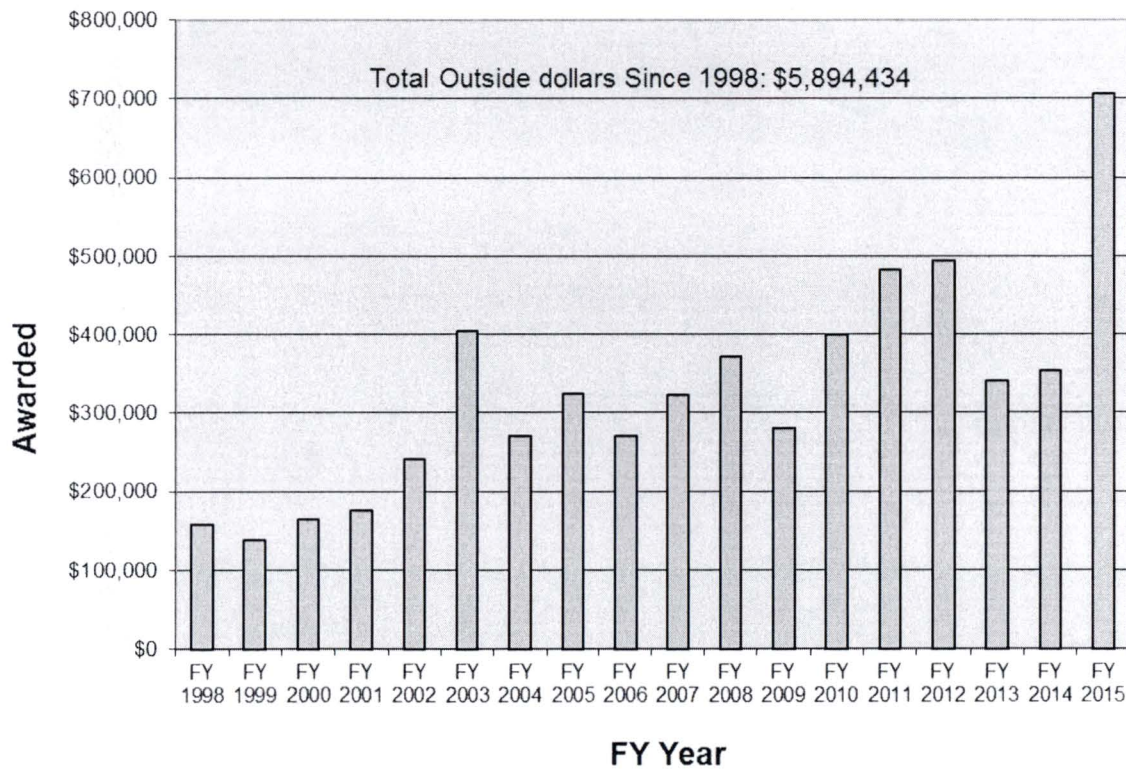
ABET-ASAC Commissioner (HPS representative 2004-2007).

Publications: over 40 peer reviewed publications including book chapters and scientific articles, and hundreds of abstracts, presentations, invited talks and poster papers

Dr. Brey has over 40 Peer reviewed publications
Several Published book chapters
Over 120 presentations/posters/abstracts provided at national meetings.

Outside Research Supported while at ISU since 1998 which was accomplished concurrently with a substantial teaching load of at least three and up to seven courses per semester, and significant administrative responsibilities including departmental chairmanships and most recently service as an interim Dean:

Brey - Outside Money FY 1998 - 2015



PROFESSIONAL SERVICE

A. *Public*

- * *Past President HPS Accelerator Section*
- * *Past Secretary Health Physics Society*
- * *Past President of EICHPS with continued executive committee responsibility - Board of Directors*
- * *Past Secretary of EICHPS*
- * *Past Chair of the Health Physics Society AEC=s Committee on Accreditation.*
- * *Co-chair Health Physics Program Directors Organization*
- * *Past CRDF Grant Review Sub-Committee Chair*
- * *Associate Editor for HP Web Page Service - Ask the Expert for area of Careers in Health Physics*
- * *Peer Reviewer*
 - Many papers for the Journal Health Physics and several others
- * *ABET Applied Science Accreditation Commission - Commissioner appointed by Health Physics Society (1998-2005)*
- * *ABET Applied Science Accreditation Commission - Commissioner appointed at Large (2005-2010)*

B. *University, college, department*

University

- 1) ISU Radiation Safety Committee
- 2) ISU Reactor Safety Committee

College

- Faculty Co-Advisor - EICHPS ISU Student Branch
- College Executive Committee

Department

- * HP program accreditation team