

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

|  |   |  |  |
|--|---|--|--|
| Licensee   |   | In accordance with letter dated<br>March 19, 1985                                    |  |
| 1. U. S. Naval Postgraduate School<br>Nuclear Engineering Laboratory |   | 3. License number SNM-267 is amended in<br>its entirety to read as follows:          |  |
| 2. Monterey, California 93940  |   | 4. Expiration date May 31, 1987  |  |
|  |   | 5. Docket or<br>Reference No. 070-00290  |  |
| 6. Byproduct, source, and/or<br>special nuclear material             | 7. Chemical and/or physical<br>form                   | 8. Maximum amount that licensee<br>may possess at any one time<br>under this license |  |
| A. Uranium (enriched in<br>Uranium 235)                              | A. Sealed source,<br>Uranium Dioxide<br>Fission Plate | A. 150 grams   |  |
| 9. Authorized use  |   |  |  |
| A. Storage only.   |   |  |  |

## CONDITIONS

10. Licensed material shall be stored only at the U.S. Naval Postgraduate School, Nuclear Engineering Laboratory or the Department of Physics, Spanagel Hall, U.S. Naval Postgraduate School, Monterey, California.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation".
12. Licensed material shall be stored by, or under the supervision of, Dr. Edmund A. Milne, Dr. Xavier K. Maruyama or Dr. Fred R. Buskirk.

8507170301 850705  
NMSS LIC30  
SNM-0267 PDR

RECEIVED

Sent to Reg. 10

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

SNM-267

Docket or Reference number

070-00290

Amendment No. 05

CONDITIONS

13. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
14. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated May 7, 1982; and letters dated April 25, 1983 and March 19, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

JUL 05 1985

DATE \_\_\_\_\_

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Original signed By  
BY John B. E. Hicken

Material Licensing Branch  
Division of Fuel Cycle and  
Material Safety  
Washington, D. C. 20555

2

70-290



DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND DETACHMENT  
RADIOLOGICAL AFFAIRS SUPPORT OFFICE (RASO)  
YORKTOWN, VA 23690

85 APR 10 A10:50

IN REPLY REFER TO

8128/3261.5B

Ser 6446W/191

8 APR 1985

U.S. Nuclear Regulatory Commission  
Division of Fuel Cycle and Material Safety  
ATTN: Chief, Materials Licensing Branch  
Mail Stop SS-396  
Washington, DC 20555

Gentlemen:

The enclosed application by the Naval Postgraduate School, Monterey, California to amend U.S. Nuclear Regulatory Commission Materials License Nos. SUB-1422 SNM-267, and SNM-965 is endorsed.

It is requested that receipt acknowledgement data be forwarded to this Office on the enclosed card.

Sincerely,

P. J. DURFEE  
Commander, MSC, USN  
Director

Enclosure:

- (1) NAVPGSCOL ltr 3440, NC4(61Mn)  
of 19 Mar 85
- (2) Receipt Acknowledgement Card

Copy to: (w/o encl)  
NAVPGSCOL Monterey

FEE EXEMPT

8506260147

19

25096



DEPARTMENT OF THE NAVY

NAVAL POSTGRADUATE SCHOOL

MONTEREY, CALIFORNIA 93943 - 5700

IN REPLY REFER TO

3440

NC4(61Mn)

19 MAR 1985

From: Superintendent, Naval Postgraduate School  
To: U.S. Nuclear Regulatory Commission  
Division of Fuel Cycle and Material Safety, NMSS  
Washington, D.C. 20555  
Via: Director, Naval Sea Systems Command Detachment  
Radiological Affairs Support Office  
Subj: AMMEWMENTS TO NUCLEAR LICENSES SUB#1422, SNM-267, AND  
SNM-965

1. In accordance with Title 10, Chapter 1, Part 40.44, application is hereby made to amend NRC Licenses Sub#1422, SNM-267, and SNM-965 to state that the source material storage and use is under the immediate supervision of Professors F.R. Buskirk, Xavier K. Maruyama, and Edmund A. Milne and to state that the control of the licensed material is administered from the location of the Department of Physics, Spanagel Hall, Naval Postgraduate School, Monterey, CA 93943.

2. The Individuals Responsible for Radiation Safety Program and their training experiences are:

a. Professor Edmund A Milne, Radiation Safety Officer: PhD in Nuclear Physics, 1953, California Institute of Technology; Naval Postgraduate School, 1954#1985; Chairman Radiological Safety and Isotopes Committee 1954#1965; member of Reactor Operating Committee 1957#1972; held a Senior Operator License to operate the U.S. Naval Postgraduate School AGN-201 Reactor, Facility License No. R-11 1957-1972; Director of the Van de Graaff laboratory at the Naval Postgraduate School 1954#1975.

b. Professor F.R. Buskirk, Chairman, Radiological Safety and Isotopes Committee: PhD in Nuclear Physics, 1955#1958, Case Institute of Technology, on the job; Naval Postgraduate School, 1960#1985, Nuclear Physics Professor and Experimental Nuclear Physicist, on the job; Naval Postgraduate School, Chairman and Member, Radiological Safety and Isotopes Committee, on the job. Los Alamos Nuclear Laboratory, 1984#1985, Research Physicist at PHERMEX, an intense beam electron accelerator, on the job.

c. Professor Xavier K. Maruyama, Acting Chairman, Radiological Safety and Isotopes Committee: PhD in Nuclear Physics, 1966#1975 Massachusetts Institute of Technology, on the job; Nuclear Rocket Development Station, 1966 Health Physicist, on the job; Naval Postgraduate School, Nuclear Physicist Professor, and experimental nuclear physicist, on the job; Naval Research Laboratory, 1973, experimental nuclear physicist, on the

8506260156 2pp

REPRODUCED AT GOVERNMENT

Subj: AMMENDMENTS TO NUCLEAR LICENSES SUB-1422, SNM-267, AND  
SNM-965

job; National Bureau of Standards 1975-1985, experimental nuclear  
physicist, on the job. Naval Postgraduate School, 1984-1985,  
Chairman Radiological Safety and Isotopes Committee, Nuclear  
Physics Professor and experimental radiation physicist, on the  
job.

*J. N. Dyer*  
J. N. DYER  
By direction