Regulatory Docket File

40-8194

DEPARTMENT OF THE ARMY
HEADQUARTERS US ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND
5001 EISENHOWER AVE., ALEXANDRIA, VA. 22333

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1978 JUN 9 PM 2 30
U.S. NUCLEAR REGULATORY COMMISSION
NMSS MAIL SECTION

DRCSF-P/78-0061

6 June 1978

Address Chg

Director
Nuclear Material Safety and Safeguards
ATTN: Radioisotopes Licensing Branch
US Nuclear Regulatory Commission
Washington DC 20555

Gentlemen:

Forwarded is a request from US Army Electronics Research and Development Command (formerly US Army Electronics Command) to reflect name and street address change and change in Alternate Radiation Protection Offices on the following Nuclear Regulatory Commission Licenses:

BML 29-01022-06
BML 29-01022-07
BML 29-01022-10
SMB -1183
SNM-1323

Please acknowledge receipt of correspondence on enclosed NRC-46 Reply Card.

Sincerely,

DARWIN N. TARAS
Chief, Health Physics
Safety Office

CF:
HQDA (DASG-HCH-E) WASH DC 20310
Dir, DARCOM FSA, Charlestown IN 47111

DOCKETED USNRC
JUN 09 1978
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DEPARTMENT OF THE ARM
US ARMY ERADCOM TECHNICAL SUPPORT DIRECTORATE
FORT MONMOUTH, NEW JERSEY 07703

DELSD-SF

16 MAY 1978

SUBJECT: Request for NRC License Changes

THRU: Commander
US Army Electronics Research & Development Command
ATTN: DRDEL-SF
2800 Powdermill Road
Adelphi, Maryland 20783

TO: Commander
US Army Materiel Development and Readiness Command
ATTN: DRCSF-P
5001 Eisenhower Avenue
Alexandria, Virginia 22333

1. Request NRC Licenses BPM 29-01022-06, BPM 29-01022-07, BPM 29-01022-10, SMB 1183, SNM 1323 ~~and DA Authorization [illegible]~~ be changed to show the following name and street address of applicant.

Department of the Army
US Army Electronics Research & Development Command
ATTN: DELSD-SF
Fort Monmouth, New Jersey 07703

2. Further request the above NRC licenses and DA Authorization be changed to show Michael J. Davison as Alternate RPO. A resume of his qualifications is attached at inclosure 1.

1 Incl
as

E. L. BOWMAN
Colonel, SigC
Commanding

Resume of Training and Experience
of Michael J. Davison

1. Educational background

US Army Facilities Engineering Support Agency School	52 weeks	1977	Compl Nuclear Power Plant Operator (Health Physics - Process Control Specialty)

2. Vocational experience with radiation

1977 — 1 week OJT aboard MH-1A (Nuclear Power Barge STURGIS at Fort Belvoir, VA as Health Physics Technician.)

1977-1978 — Facilities Engineering Support Agency, Fort Belvoir, VA as Instructor, Health Physics Training Division.

1978-Pres — Electronics Research & Development Command, Fort Monmouth, NJ, as Health Physics Technician.

3. Formal training in radiation

a. Principles and practices of radiation protection

Where Trained	Duration of Training
Nuclear Power Plant Operator School	52 weeks

b. Radioactivity measurement, standardization, and monitoring techniques and instruments.

Where Trained	Duration of Training
Nuclear Power Plant Operator School	36 weeks

c. Mathematics and calculations basic to the use and measurement of radioactivity.

Where Trained	Duration of Training
Nuclear Power Plant Operator School	52 weeks

d. Biological effects of radiation.

Where Trained	Duration of Training
Nuclear Power Plant Operator School	20 weeks

Encl 1

4. On-the-job training in radiation

a. Principles and practices of radiation protection.

Where Trained	Duration of Training
MH-1A (Nuclear Power Barge STURGIS)	1 wk 1977
Fort Monmouth, NJ	1 mo 1978

b. Radioactivity measurement, standardization, and monitoring techniques and instruments.

Where Trained	Duration of Training
MH-1A (Nuclear Power Barge STURGIS)	1 wk 1977
Fort Monmouth, NJ	1 mo 1978

c. Mathematics and calculations basic to the use and measurement of radioactivity.

Where Trained	Duration of Training
MH-1A (Nuclear Power Barge STURGIS)	1 wk 1977
Fort Belvoir, VA	4 mo 1977-1978
Fort Monmouth, NJ	1 mo 1978

5. Experience with radioisotopes

Isotope	Maximum Activity	Place of Experience	Duration of Experience
^{241}Am	Millicuries	Nuclear Reactor School Fort Monmouth, NJ	15 months 1 month
^{14}C	Millicuries	Nuclear Reactor School Fort Monmouth, NJ	15 months 1 month
^{36}Cl	Millicuries	Nuclear Reactor School Fort Monmouth, NJ	15 months 1 month
^{60}Co	Millicuries 125,000 Curies	Nuclear Reactor School Fort Monmouth, NJ	15 months 1 month
^{137}Cs	Millicuries Hundreds of Curies	Nuclear Reactor School Fort Monmouth, NJ	15 months 1 month

Isotope	Maximum Activity	Place of Experience	Duration of Experience
^{3}H	Curies	Fort Monmouth, NJ	1 month
^{147}Pm	Millicuries	Nuclear Reactor School	15 months
^{239}Pu	Millicuries	Nuclear Reactor School Fort Monmouth, NJ	15 months 1 month
^{239}Pu-Be	Curies	Nuclear Reactor School	15 months
^{90}Sr, ^{90}Y	Millicuries Curies	Nuclear Reactor School Fort Monmouth, NJ	15 months 1 month

6. Experience with devices equivalent to that of actual use of radioisotopes.

Device	Place of Experience	Duration
Van de Graaff Accelerator	Fort Monmouth, NJ	1 month
X-Ray Diffraction	Fort Monmouth, NJ	1 month
Positive Ion Accelerator	Fort Monmouth, NJ	1 month
Radiographic X-Ray System	Fort Monmouth, NJ	1 month
Medical X-Ray Unit	Fort Monmouth, NJ	1 month