



DEPARTMENT OF THE ARMY
HEADQUARTERS, US ARMY ELECTRONICS RESEARCH
AND DEVELOPMENT COMMAND
2800 POWDER MILL RD., ADELPHI, MD 20783

DRDEL-SS

23 October 1981

SUBJECT: Change in Radiological Protection Officers

THRU: Commander *JDR 26 OCT 81*
US Army Materiel Development and Readiness Command
Attn: DRCST-P
5001 Eisenhower Avenue
Alexandria, Virginia 22333

TO: Director
Nuclear Material Safety and Safeguards
Attn: Radioisotopes License Branch
US Nuclear Regulatory Commission
Washington, D.C. 20555

1. Request the following US Army, ERADCOM NRC licenses be ammended effective 30 October 1981:

- a. 29-01022-06
- b. 29-01022-07
- c. 29-01022-10
- d. SNM 1323
- e. SMB 1183

2. The amendment is as follows:

a. Delete Mr. Stanley Potter and Mr. Norman Pratt as the Radiation Protection Officers.

b. Add Mr. Steven A. Horne as primary Radiation Protection Officer and Dr. Johnson D. Choppala and Mr. Barry J. Silber as Alternate Radiation Protection Officers.

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3. The resumes for Mr. Horne and Mr. Silber are contained in the following NRC licenses issued to CECOM:

- a. 29-01022-08
- b. 29-01022-11
- c. 29-01022-12
- d. SUB-1150
- e. SMB-1300
- f. SNM-1327

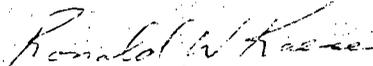
4. The resume for Dr. Choppala is attached.

5. Mr. Horne and Mr. Silber are assigned to U.S. Army, CECOM, Ft. Monmouth, N.J. and will be providing Radiation Protection Officer support while ERADCOM at Ft. Monmouth, N.J. continues to recruit for a qualified Health Physicist. Dr. Choppala is the Health Physicist assigned to HQ, ERADCOM Safety Office, Adelphi, Md. and will also be making frequent visits to Ft. Monmouth to support the Radiation Protection Program. Users authorized by the NRC licenses listed in paragraph 1 are members of ERADCOM at Ft. Monmouth, N.J.

6. Provision of on-site Radiation Protection Officer support has been formalized through letter correspondence between Major General Emmett Paige, Jr., Commander ERADCOM, and Major General Donald M. Babers, Commander CECOM.

FOR THE COMMANDER:

Incl



RONALD W. KAESE
Chief, Safety Office
ERADCOM

Resume of Training and Experience of

Johnson D. Choppala, Ph. D.

1. Educational Background:

		yrs.	
University of Poona, India	1958	4	B.Sc. (Chemistry & Biology)
Howard University, Wash. D.C.	1964	3	M.S. (Radiation genetics)
Howard Universtiy, Wash. D.C.	1967	3	Ph.D. (Radiation genetics)
U.S. Army Chemical School	Feb. 1980	3 weeks	(Radiation Safety)
U.S. Army DARCOM Radiation Safety Workshop	April 1980	1 week	(Radiation Safety)

2. Vocational Experience with Radiation:

1975-80 Howard U. Medical College - Chief, Div. of Radiobiology, Department of Radiation Therapy.

1980-Present U.S. Army ERADCOM Health Physicist

a. Formal Training in Principles and Practices of Radiation Protection:

3 weeks - with U.S. Army ERADCOM at Ft. Monmouth, N.J. Alt RPO, Norman Pratt, October, 1981.

b. Formal Training in Radioactivity Measurement Standardization and Monitoring Techniques and Instruments:

3 weeks - with U.S. Army ERADCOM at Ft. Monmouth, N.J. Alt. RPO, Norman Pratt, October, 1981.

c. Formal Training in Mathematics and Calculations Basic to the Use and Measurement of Radioactivity:

5 years (1975-1980) - with Howard University Medical Center, Wash., D.C.

d. Formal Training in Biological Effects of Radiation:

11 years - with Howard University, Wash., D.C.

3. Vocational Experience with Radiation:

11 years - with Howard University, Wash., D.C.

4. Experience with Radio Isotopes

<u>Isotopes</u>	<u>Max. Activity</u>	<u>Place</u>	<u>Duration</u>
Cobalt-60	Kilo curies	Howard Univ. Harry Diamond Labs. (calibration, dosimetry, therapy, spectroscopy, biological studies, leak tests)	5 years

4. Experience with Radio Isotopes Continued

<u>Isotopes</u>	<u>Max. Activity</u>	<u>Place</u>	<u>Duration</u>
Cesium - 137	milli curies	Howard Univ. (Caliberation, dosimetry, brachy- therapy, biological studies)	5 years
Irridium - 192	milli curies	Howard Univ.	5 years
Tritium (H ³)	micro curies	Howard Univ. (Biological studies)	6 months
		Harry Diamond Labs. (wipe tests)	1 year
Radium - 226	micro curies	Harry Diamond Labs. (calibration studies)	1 year

5. Experience with Radiation Producing Machines

<u>Machine</u>	<u>Duration</u>
18 Me V Medical Linear Accelerator	5 years (dosimetry, teletherapy, radiobiological research)
Arora (Harry Diamond Labs.)	3 months assisting with surveys/dosimetry
X-ray radiography (Howard Univ.)	5 years (surveys, dosimetry, shielding, phantom studies)
Harry Diamond Labs.	3 months (surveys, dosimetry)