Burroughs OEM Corporation

PLAINFIELD PLANT
P.O. Box 1226 • Plainfield, New Jersey 07061
(201) 757-5000

April 19, 1982

U. S. Nuclear Regulatory Commission
Division of Material Safety
Materials Licensing Branch
Washington, D.C. 20555

Dear Sir:

This refers to NRC By-Product Material License Number 29-04239-02. This is to notify you that sections 3.4.2, 4.2.1, 10.2.3.4, 10.3.3.1, 10.3.3.2, 10.4.1, 10.4.2, have been revised or omitted to increase the effectiveness of the Burroughs Corporation, OEM Display Division Radiation Safety Program. A copy of all revised sections are outlined in Attachment I.

On January 18, 1982 the Commission was notified of the appointment of William C. Ehrhardt as Radiation Safety Officer. In addition to the qualifications outlined in his resume, Mr. Ehrhardt has been involved in a Professional Development Program for Radiation Safety with Nuclear Support Services, Inc. This program is described in Attachment II.

Attached also is the $110.00 Commission Amendment Fee. If you have any questions or comments, do not hesitate to contact us at any time.

Sincerely,

BURROUGHS CORPORATION
OEM Display Division

Gilbert Yanishevsky
General Manager
Plainfield Plant

001217
A/10/3A
Amendment
4/29/82

U.S. NUCLEAR REG COMM MAIL SECTION
1982 APR 27 AM 9 03
RECEIVED

Amend.
4/29/82
Apr. 169

4/30/82

GY:cc
Attachments

FOIA-86-558

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ATTACHMENT I

3.4.2	No visitor will be permitted in a "RADIATION AREA" without a dose assessment device. Compliance with this provision is the responsibility of the area supervisor.
4.2.1	Any individual who enters a "RADIOACTIVE MATERIALS AREA" that is not monitored with a station TLD must be wearing a TLD at the time of entry and throughout his/her stay in that area. Visitors obtain TLD's from the Radiation Safety Officer or his designee.
10.2.3.4	Omit. This information is recorded on the receiving report.
10.3.3.1	Assures that the radioactive materials transfer form has been approved by the Radiation Safety Officer or designee.
10.3.3.2	Obtains vault key from stockroom supervisor to whom a key has been assigned by the Radiation Safety Officer.
10.4.1	The transferring department initiates a radioactive materials transfer form listing the quantity of cylinders it wishes to transfer in the remarks section of the form. The transfer form is signed and dated as in 3.0 above and approved by the production control supervisor.
10.4.2	The Radiation Safety Officer issues the vault key to the production control supervisor. The supervisor becomes the designee for controlling the key.

ATTACHMENT II

NUCLEAR SUPPORT SERVICES, INC.

PROFESSIONAL DEVELOPMENT PROGRAM

for

William C. Ehrhardt
Radiation Safety Officer
Burroughs - OEM Corporation

Developed by:
Robert L. Flournoy
Human Resources Development
Consultant
NUCLEAR SUPPORT SERVICES, Inc.
(703) 494-5134
October 23, 1981

Resume for W. Ehrhardt

TITLE

Professional Development Program for William C. Ehrhardt, Radiation Safety Officer, Burroughs - OEM Corporation

TIME PERIOD

November 1981 through April 1982

PURPOSE

To provide a guideline for the professional development of William C. Ehrhardt, Radiation Safety Officer (RSO) in matters related to the acquisition, use, storage, transfer, practices and procedures involving radioactive material at Burroughs - OEM.

OBJECTIVES

1. To broaden the base of understanding with respect to proper handling of radioactive materials so as to maintain exposure to ionizing radiation to a level that is as low as can be reasonably achieved.

2. To develop, implement and maintain the skills necessary to insure compliance with federal, state and local regulatory requirments in the handling, use, storage and transfer of radioactive materials.

3. To support the necessary attitude regarding radioactive materials so as to maintain radiation exposure to a level which is as low as can be resonable achieved.

APPROACH

Objectives will be accomplished through a combined effort with three activities:

1. Institutional Learning Activity: Development of generic, theoretical basis and practical skills by attendance at a recognized institution in a course on radiation protection (approximately 40 hours).

2. On-site Learning Activity: Instruction in generic and site-specific aspects of radiation protection principles and regulations (approximately 48 hours).

3. Coaching Learning Activities: Re-inforcement in site-specific practices and procedures for the use of radioactive materials at Burroughs OEM Corporation through coaching learning methods (approximately 48 hours).

Resume for W. Chrdas

PART I. INSTITUTIONAL LEARNING ACTIVITY

1. PROGRAM CONTENT

A learning program shall be identified, attended and satisfactorily completed that contains at least the following generic topics:

Atomic Structure
Nuclear Structure
Radioactive Decay
Radioactive Halflife
Interaction of Ionizing Radiation with Matter
Biological Effects of Ionizing Radiation
Radiation Monitoring for Beta, Gamma Emitters
Radiological Units
Radiation Protection Standards
ALARA
Personal Monitoring
Engineering Controls for ALARA
Radiological Waste Disposal
Environmental Monitoring
Radiological Emergencies

2. EVALUATION CRITERIA

Successful completion of this part of the professional development program will be determined by the institution providing the learning program.

Successfully completed on_____
at_____ reference
certificate issued by _____.

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Resume for W. Ehrhardt

PART 2. ON-SITE LEARNING ACTIVITY

1. PROGRAM CONTENT

The participant shall receive on-site instruction in each of the listed documents. Instruction shall include generic knowledge combined with site-specific applications.

10 CFR 19
10 CFR 20
10 CFR 32
NRC Regulatory Guide 7.1
Administrative Guide for Packaging and Transporting Radioactive Material
NRC Regulatory Guide 7.3
Procedures for Picking Up and Receiving Packages of Radioactive Material
NRC Regulatory Guide 8.13
Instructions Concerning Prenatal Radiation Exposure
NRC Regulatory Guide 8.21
Health Physics Surveys for By-product Material at NRC-licensed Processing and Manufacturing Plants
NRC Regulatory Guide 10.7
Guide for the Preparation of Application for License for Laboratory Use of Small Quantities of By-product Material
NCRP 44
Krypton-85 in the Atmosphere--Accumulation, Biological Significance, and Control Technology

2. EVALUATION CRITERIA

Successful completion of this part of the professional development program will be determined by the NSS, Inc. consultant who provides instructional service. Records of NSS, Inc. certification will be maintained to indicate completion.

Resume for Exhibit

PART 3. COACHING LEARNING ACTIVITIES

1. PROGRAM CONTENT

Coaching learning activities will consist of NSS, Inc. consultants demonstrating all proper practices and procedures followed by the participant demonstrating the proper practices and procedures followed by NSS, Inc. consultants reinforcing proper practices and procedures on a recurring basis through audit, inspection and quality control activities.

A task inventory will be prepared for each assigned responsibility of the Radiation Safety Officer (RSO). The task inventory will list each practice and procedure necessary to successfully complete a responsibility. Each task will be performed by the RSO initially under direct supervision of a NSS, Inc. consultant. The task will be repeated until satisfactory performance is attained as determined by NSS, Inc.

Once the participant has demonstrated successful integration of generic learning, on-site instruction and coaching in site specific practices and procedures, the maintenance of desired competency standards will be determined by recurring audit, inspection or quality assurance surveillance by NSS, Inc.

The typical coaching program will be structured as follows:

Major Responsibility	Initial Demonstration		Coaching Activities			Successful Completion		Reinforcement			
	Date	Initial	1	2	3	Date	Initial	1	2	3	4
Primary Task			x					x			
Secondary Tasks											

2. EVALUATION CRITERIA

Successful completion of this part of the professional development program will be determined by the NSS, Inc. consultant providing the coaching learning activity. Records will be maintained on each of the Task Inventory Program Sheets.