

Applied Radiological Control, Inc.

HEALTH AND SAFETY PROCEDURE

TITLE Exposure Control

NUMBER 1.7

REVISION NUMBER 1

Prepared by:	Approved:
<i>P. Leddy</i>	<i>J. [unclear]</i>

Effective Date: March 25, 1994

APPLIED RADIOLOGICAL CONTROL, INC.

HEALTH & SAFETY PROCEDURE 1.7

EXPOSURE CONTROL

1.0 Purpose

Applied Radiological Control is not a licensee as defined in 10 CFR Part 20. ARC employees who enter a restricted area in circumstances where they are likely to receive a dose in excess of 10% of the applicable value specified in 10 CFR 20, §20.121(a) shall be subject to the Licensees' Personnel Monitoring Program.

In the event ARC is providing Health and Safety services where radioactive materials are present, but no personnel monitoring is required by 10 CFR 20, the corporate Radiation Safety Officer may choose to provide personnel monitoring devices as a precautionary measure. This is intended to verify that the conditions of 10 CFR 20, §20.1502 are not exceeded.

This procedure describes the procedure for issue of personnel monitoring devices and control of exposure to personnel.

2.0 Scope and Responsibilities

- 2.1 The Corporate Radiation Safety Officer is responsible for establishing requirements for personnel monitoring at ARC job sites.
- 2.2 The Health and Safety Supervisor is responsible for implementation of this procedure.
- 2.3 Health Physics technicians are responsible for issue and control of personnel monitoring devices and control of exposure to personnel.

3.0 Procedure

- 3.1 Prior to entry into any area requiring personnel monitoring devices, all personnel shall complete Attachment One.
- 3.2 Thermoluminescent dosimeters (TLD's) or self-reading pocket dosimeters (SRPD's) or both may be required at the discretion of the Health & Safety Supervisor.
- 3.3 All personnel monitored in accordance with this procedure shall be limited to 300 mrem/qr, whole body exposure per quarter.
- 3.4 Record each individual entry into the radiologically controlled area on attachment 2. Record the name, SSN, time in and time out.
- 3.5 Maintain a record of the cumulative exposure for each individual monitored. Notify the corporate radiation safety officer if any individual exceeds 100 mrem cumulative exposure for the quarter.

3.6 Upon completion of assignment collect any TLD's issued and forward to the laboratory for processing.

4.0 References

4.1 10 CFR 20.

ATTACHMENT 1

I.
 NAME _____ SSN _____
 COMPANY _____ POSITION _____
 HOME ADDRESS _____

Please complete section II or III as appropriate

II.
 I certify that I have not been occupationally exposed to ionizing radiation in the current calendar quarter.

 Signature _____ Date _____

III.
 I have been occupationally exposed to ionizing radiation in the current calendar quarter at the facility(s) listed below:

FACILITY	DATES	ESTIMATED EXPOSURE

Signature _____ Date _____

TLD # _____ Monitoring Start Date _____ End Date _____

TLD Returned for Processing ___yes ___no

TLD Results _____ mrem

Radiation Safety Officer _____ Date _____



ATTACHMENT 2
RCA ENTRY LOG

SITE	NAME	SSN	TLD/SRPD#	TIME IN	TIME OUT	DATE	
						TIME IN	TIME OUT

