

This is a RED Stamp

ROCKY FLATS PLANT
EM RADIOLOGICAL GUIDELINES

Manual No.: 3-21000-OPS-EMRG
Procedure No.: Table of Contents, Rev 1
Page: 1 of 2
Effective Date: 01/18/93
Organization: Environmental Management

TABLE OF CONTENTS
EM RADIOLOGICAL GUIDELINES

Guideline No.	Title	Rev. No.	Effective Date
EMRG 1.0	Organization and Responsibilities	0	12/06/91
EMRG 1.1	Gama Radiation Surveys	0	12/06/91
EMRG 1.2	Beta Radiation Surveys	0	12/06/91
*DCN 93.01	Compliance to Health & Safety Practices Manual	0	01/14/93
EMRG 1.3	Posting of Radiation Protection Requirements	0	12/06/91
*DCN 93.01	Compliance to Radiological Protection Program	0	01/14/93
EMRG 2.1	Personnel Contamination Monitoring	0	12/06/91
*DCN 93.01	Compliance to Radiological Control Manual	0	01/14/93
EMRG 2.2	Possible Inhalation Exposure	0	12/06/91
*DCN 93.01	Compliance to Radiological Protection Program	0	01/14/93
*DCN 93.02	Compliance to Radiological Protection Program	0	01/14/93
*DCN 93.03	Compliance to Radiological Protection Program	0	01/14/93
*DCN 93.04	Compliance to Radiological Protection Program	0	01/14/93
*DCN 93.05	Compliance to Radiological Protection Program	0	01/14/93
EMRG 2.3	Wounds and Skin Contamination	0	12/06/91
*DCN 93.01	Table 1 replacement for Internal Dosimetry Evaluation	0	01/14/93
*DCN 93.02	Compliance to Radiological Protection Program	0	01/14/93
EMRG 3.1	Performance of Surface Contamination Surveys	0	12/06/91
*DCN 93.01	Correction to Reference WO-4034	0	01/14/93
EMRG 3.2	Survey Requirements for Conditional and Unrestricted Use	0	12/06/91

ADMIN RECORD

DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

A-SW-001152

**ROCKY FLATS PLANT
EM RADIOLOGICAL GUIDELINES**

Manual No.:
Procedure No.:
Page:
Effective Date:
Organization:

3-21000-OPS-EMRG
Table of Contents, Rev 1
2 of 2
01/18/93
Environmental Management

<u>Guideline No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
EMRG 3.5	Handling of Contaminated Dosimetry/Security Badges	0	12/06/91
*DCN 93.01	Word Correction	0	01/14/93
EMRG 6.1	Performance Test and Operational Checks for Ludlum Model 12-A, Model 12, and Model 31 Survey Instruments	0	12/06/91
EMRG 6.3	Performance Checking and Operation of the Eberline SAC-4 Alpha-Scintillation Smear Counting Instrumentation	0	12/06/91
EMRG 6.4	Performance Testing and Operation of the Eberline BC-4 Beta Smear Counting Instrumentation	0	12/06/91
*DCN 93.01	Formula Clarification	0	01/14/93
EMRG 6.5	Use of the Bicron Frisk-Tech with the A-100 and B-50 Detectors	0	12/06/91
*DCN 93.01	Equipment Calibration Clarification	0	01/14/93
EMRG 6.6	Use of the Bicron Fidler (Field Instrument for the Detection of Low-Energy Radiation)	0	12/06/91
*DCN 93.01	FIDLER Surveys	0	01/15/93
EMRG 9.1	Respiratory Protection Requirements and Posting	0	12/06/91
*DCN 93.01	Revisions to Radiation Protection Program	0	01/15/93
EMRG 10.1	Radiological Deficiency Reporting Program	0	12/06/91

LD 1-25-93 This is a 22
CONTROLLED DOCUMENT
 EG&G - ROCKY FLATS PLANT
 ENVIRONMENTAL MANAGEMENT
 This is a RED Stamp

**ENVIRONMENTAL MANAGEMENT
 DOCUMENT CHANGE NOTICE (DCN)**

Procedure Number 321000-OPS-EMRG 6.6, R.0

Page 1 of 2

Title	USE OF THE BICRON FIDLER (FIELD INSTRUMENT FOR THE DETECTION OF LOW-ENERGY RADIATION)	Date	1-15-93 10/23/92 <i>OK</i>	DCN Number	3.21000-OPS-EMRG 6.6 13.0144
Expires	10/23/93 1-15-94 <i>OK</i>	Procedure Revision Required	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Scope Limitation	Operable Unit No. 5				

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	4	5.7	Insert the following at the beginning of this paragraph: Surveys will be performed by slowly walking lines placed approximately 20 feet apart along the long axis of the IHSS. One-minute scaler counts will also be taken at discrete locations on a 40-foot triangular grid (Figure 6.6A). The survey lines and the 40-foot triangular grid will be established with a tape and compass measuring from a point that has been located with respect to a permanent landmark. Any suspect areas (e.g., areas of stained soil) will be investigated by performing a one-minute scaler count over the area.
2	4	5.7.1	Insert the following sentence at the end of this paragraph: The location of all sources will be marked with a stake for land surveying and surficial soil sampling activities.

Justification (Reason for Change -- Provide Numbers To Reference Corresponding Items Above)

1. The RFI/RI Work Plan for OU5 requires the performance of FIDLER surveys over several IHSSs and surface disturbances. It is necessary to perform these surveys on a grid pattern to ensure adequate site coverage and to enable preparation of contour maps of the survey results.
2. The location of sources detected by the FIDLER survey need to be located in the field for subsequent land surveying and surficial soil sampling activities.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	11/2/93	<i>[Signature]</i>	User	X	10/23/92
<i>[Signature]</i>	EOM	X	12/24/93	<i>[Signature]</i>	EOM	X	1/5/94 ³

Approval of Responsible Manager	Date	Is Posting Req'd?	If Yes, By What Date?	Date Posted
<i>[Signature]</i>	10/23/92	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	upon receipt	

DCN Form 001

DOCUMENT CLASSIFICATION REVIEW WAIVER
 PER R.B. HOFFMAN, CLASSIFICATION OFFICE
 JUNE 11, 1991 JAN 15 1993

FIGURE 6.6A
TYPICAL GRID FOR FIDLER SURVEY

