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Pacific Northwest
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Federal Emergency Management Information System (FEMIS)

Data Management Guide

for

FEMIS Version 1.5

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Prepared for the CSEPP Office
United States Army Soldier and Biological Chemical Command
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John C Bower
Robert A Burnett
Richard J Carter
Nancy A Holter
Mark Hoza
Daniel M Johnson
Ranata L Johnson
Sharon M Johnson
Robert M Loveall
Stacy A Schulze
Alex J. Stephan
Blanche M Wood

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Pacific Northwest National Laboratory
Richland, Washington 99352

Preface

The Federal Emergency Management System (FEMIS©)[a] is an emergency management planning and response tool. The following documents were developed to support system users.

This ***FEMIS Data Management Guide*** provides the information needed to manage the data used to support the administrative, user-environment, database management, and operational capabilities of FEMIS.

The ***FEMIS Installation Guide*** provides instructions for installing and configuring the FEMIS software package.

The ***FEMIS System Administration Guide*** provides information on FEMIS System Administrator activities as well as the utilities that are included with FEMIS.

The ***FEMIS Release Notes*** provide a description of what is new in the release and any information specific to this release that was not available when other documents were published.

The ***FEMIS Bill of Materials*** defines FEMIS hardware, software, and communication requirements.

The ***FEMIS Online Help System*** explains how to use the FEMIS program, which is designed to help emergency management personnel plan and respond to a Chemical Accident or Incident (CAI) Event at a military chemical stockpile. For System and Database Administrators, the Troubleshooting Guide consists of error messages and known problems as well as suggestions to resolve these errors and problems.

(a) The FEMIS program is being developed by the Pacific Northwest National Laboratory as part of the US Army Chemical Stockpile Emergency Preparedness Program (CSEPP). Pacific Northwest National Laboratory is operated for the US Department of Energy by Battelle under Contract DE-AC06-76RLO 1830.

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Acronyms and Definitions

AAT	Arc attribute table
APR	ArcView Project file
CFCC	Census Feature Class Code
CLA	Chemical Limited Area
COTS	Commercial-Off-The-Shelf
CSEPP	Chemical Stockpile Emergency Preparedness Program
D2PC	Chemical wind dispersion model used in FEMIS
DBMS	database management system
DEI	Data Exchange Interface
DLG	Digital Line Graph
E-mail	electronic mail
EMIS	Emergency Management Information System
EOC	Emergency Operations Center
EPZ	Emergency Planning Zone
ESIM	Evacuation SIMulation, part of Oak Ridge Evacuation Modeling System (OREMS)
FEMIS	Federal Emergency Management Information System
FIPS Code	Federal Information Processing Systems Code
GIS	geographic information system
IBS	Integrated Baseline System
IDYNEV	Interactive DYNamic EVacuation
IEM	Innovative Emergency Management, Inc.
LAN	local area network
MCE	Maximum Credible Event
Met	meteorological
OREMS	Oak Ridge Evacuation Modeling System
ORNL	Oak Ridge National Laboratory
PAD	Protective Action Decision
PAR	Protective Action Response
PAT	Point/polygon attribute table
PC	personal computer
PNNL	Pacific Northwest National Laboratory
RDBMS	relational database management system
SBCCOM	US Army Soldier and Biological Chemical Command
SQL	Structured Query Language
SQL script	Sequence of SQL statements that performs database operations
TCP	Traffic Control Point
UNIX	Generic name for the server operating system
USGS	United States Geological Survey