

1/55

# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES NONCONFORMANCE REPORT

Project No. 20.06002.01.011

NCR No. 2002-13

## PART 1: DESCRIPTION OF NONCONFORMANCE

During the review of a report titled "Geostatistical Analysis of Pneumatic, Hydraulic, and Thermal Properties of Unsaturated Fractured Rocks at the Apache Leap Research Site at Yucca Mountain", it was discovered the uncontrolled software used and referenced in the report was not being submitted in the report to QA Records as required by QAP-014 Paragraph 3.1.1(ii).

Initiated by: Mark R. Ehnstrom

Date: November 8, 2002

Action Required by: A. Chowdhury/C. Dinwiddie/B. Mabrito

## PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Response Date: 11/22/2002

Disposition: ISATIS Version 3.1.3 has been put under CNWRA TOP-018 Control.

Basis of Disposition: Since October 24, 1998 ISATIS Version 3.1.3 was under CNWRA TOP-018 Control. But on December 5, 2001 this software was placed under retirement by E. Percy. It was "unretired" on November 1, 2002 by A. Chowdhury.

Action to Correct Nonconformance:

See above.

Target date for completion: 11-21-02

Proposed by:

Date: 11-11-02

## PART 3: APPROVAL

Element Manager:

Date: 11-11-02

Director of QA:

Date: 11/11/2002

Comments/Instructions:

## PART 4: CLOSE OUT

Comments: Verified that ISATIS Version 3.1.3 has been "unretired", see attached. ISATIS Version 3.1.3 has been placed on CNWRA directory for software as an

Verified by: Randy Falch Date: 12/26/02

"active" code.

Distribution:

Original-CENTER QA DIRECTOR QA Records

ORIGINATOR

PRINCIPAL INVESTIGATORS

ELEMENT MANAGERS

B. Sagar, H. Garcia, C. Dinwiddie

2/55

# SOFTWARE RELEASE NOTICE

01. SRN Number: GHGC-SRN-177		
02. Project Title: Geostatistics/Statistical Hydrogeology		Project No.: 20-1402- 771/861
03. SRN Title: ISATIS VERSION 3.1.3		
04. Originator/Requestor: B. Mabrito		Date: 10/24/98
05. Summary of Actions  <input checked="" type="checkbox"/> Release of new software  <input type="checkbox"/> Release of modified software:  <input type="checkbox"/> Enhancements made  <input type="checkbox"/> Corrections made  <input type="checkbox"/> Change of access software  <input checked="" type="checkbox"/> Software Retirement		
06. Persons Authorized Access		
Name	Read Only/Read-Write	A/C/D
A. Armstrong	RO	
D. Farrell	RO	
R. Fedors	RO	
D. Hughson	RO	
S. Mohanty	RO	
S. Painter	RO	
L. Winterle	RO	
G. Wittmeyer	RO	
07. Element Manager Approval:		Date:
08. Remarks: The software resides on HORNET and can only be run on this machine. The licensee is for a single user (i.e., only one user can use the software at any one time). Software received on 7/27/98.  This software had originally been placed under retirement on 12/5/01 by E. Pearce. Software is being put back Under Control and being added to the Software Control list.  11/1/02		