



# United States Department of the Interior



GEOLOGICAL SURVEY  
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IN REPLY REFER TO:

WBS #: 1.2.11  
INFORMATION ONLY

February 23, 1993

## MEMORANDUM

**TO:** DISTRIBUTION

**FROM:** Software Quality Assurance Specialist, Yucca Mountain Project - U.S. Geological Survey, MS 425, Denver, CO

**SUBJECT:** QMP-3.03, R3 Modification 3, Software

QMP-3.03, R3 has been modified as enclosed at the direction of the Software Configuration Control Committee (CCC) pursuant to corrective action under NCR-93-04. The modification includes changes to remove ambiguity in the conditional release requirements (paragraphs 5.0, 5.1, and 5.5.2). Conditional release of software requires approval of the Software Control Form (SCF, QMP-3.03, R3 Attachment 2) by the CCC and submittal to the YMP-USGS SCM Coordinator of all required software documentation listed on the SCF. The requirements for formal release of software have not changed.

The modification also includes changes to the definitions, procedure, and Attachment 2 to clarify the language and requirements regarding software products in order to better reflect current policy and implementation. A software product may be a single software item (i.e. a program) or multiple related software items (i.e. a system). If the software product involves a single software item, you will implement the procedure as you have in the past. If the software product involves multiple software items, you will document the requirements, design, validation, and so on, for each software item. This documentation may be completed using a single set of forms as appropriate to the software. If any software items in the software product would be classified by itself as Critical Software, the whole system will be classified as Critical Software. Alternatively, each software item in the system could be controlled as a software product.

Please refer to the instructions provided on each form and if you have any questions or need more information, please contact me at 236-1418.

  
Daniel J. Gockel

DJG:MAW:hh

Enclosure

- cc: L.R. Hayes, USGS/Denver, CO
- T.H. Chaney, USGS/Denver, CO
- D.H. Appel, USGS/Denver, CO
- J.S. Stuckless, USGS/Denver, CO
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- N.R. Karas, SAIC/Golden, CO
- B.Y. Hersh, SAIC/Golden, CO
- YMP-USGS LRC File No. 3. 3.03
- YMP-USGS LRC File No. 3. 15.01 (NCR-93-04)

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ADD: Ken Hooks  
Wr. Encl.  
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