

ENCLOSURE 3

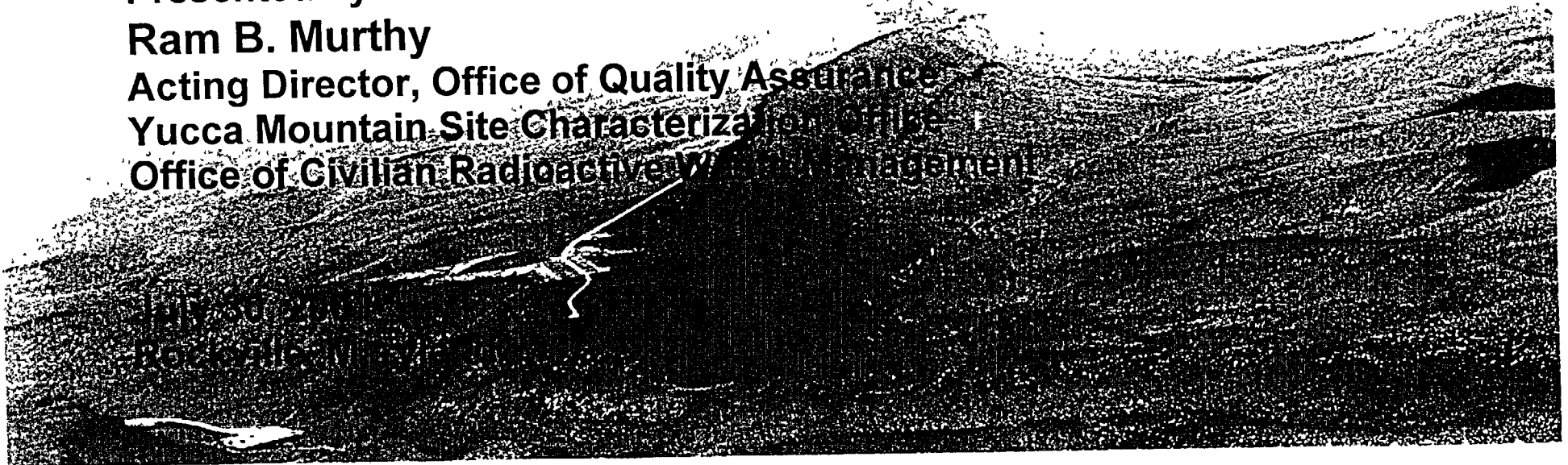


U.S. Department of Energy
Office of Civilian Radioactive Waste Management

Quality Assurance Program Status

Presented to:
DOE/NRC Quarterly Quality Assurance Meeting

Presented by:
Ram B. Murthy
Acting Director, Office of Quality Assurance
Yucca Mountain Site Characterization Office
Office of Civilian Radioactive Waste Management



Outline

- **Quality Assurance (QA) Organization Status**
- **Quality Assurance Requirements Description (QARD) Revisions**
- **Recent Office of Quality Assurance (OQA) Audits**



QA Organization Status

- **BSC QA currently performs surveillance of BSC activities**
- **DOE OQA has observed selected BSC QA surveillance activities**
- **Results of surveillance activities performed by BSC QA have been found satisfactory**
- **BSC QA has been authorized to conduct internal audits**
- **DOE OQA will observe selected BSC audits**



OCRWM QARD, Revision 11

✿ **Revision 11, effective May 3, 2002**

- **Strengthened requirements for model validation utilizing NUREG-1636 as the basis document**

✿ **Revision 12 (in draft)**

- **Clarifies DOE OQA and BSC QA surveillance and audit activities**



Results of Recent OQA Audits

- **Compliance-based audit BSC-ARC-02-09 (May 2002)**
 - **Six (6) Conditions Adverse to Quality (CAQ) were issued as Deficiency Reports (DRs) in areas of records, review documentation, and data submittals**
 - **Two (2) CAQ in areas of software and training were referred to existing DRs**
 - **Eight (8) additional CAQ were isolated, minor in nature, and issued as Quality Observations (QO)**
 - **Two (2) of the eight (8) associated DRs have been closed and all eight (8) of the QOs have been closed**
 - **Ten (10) of the conditions indicated no impact on any products**



Results of Recent OQA Audits

(Continued)

- **Compliance-based audit USGS-ARC-02-11 (June 2002)**
 - Two (2) CAQ were identified in areas of organization and document control
 - CAQ were isolated and minor in nature and issued as QOs



YUCCA MOUNTAIN PROJECT