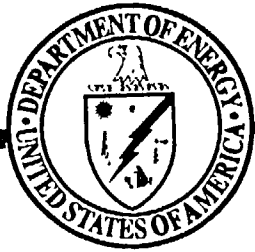


ENCLOSURE 7



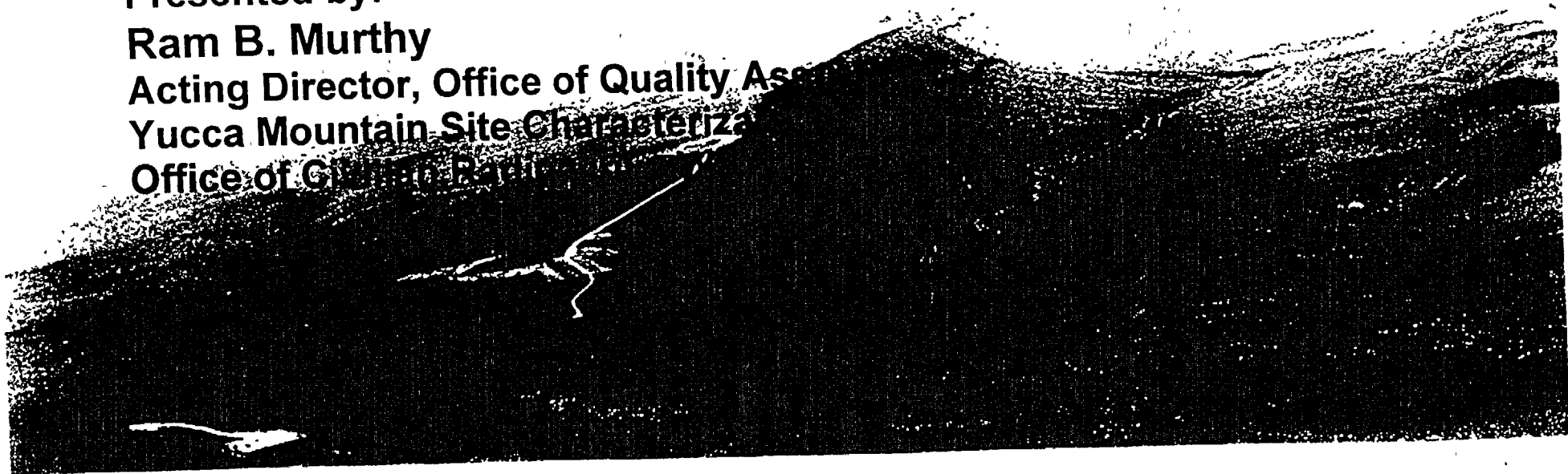
U.S. Department of Energy
Office of Civilian Radioactive Waste Management



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 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