



Department of Energy

Washington, DC 20585

QA: QA

AUG 08 2002

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U.S. DEPARTMENT OF ENERGY OFFICE OF CIVILIAN RADIOACTIVE WASTE
MANAGEMENT OBSERVATION REPORT OQA-02-OR-03 OF BECHTEL SAIC
COMPANY, LLC (BSC) QUALITY ASSURANCE (QA) SURVEILLANCE BSCQA-02-S-11

Enclosed is an Observation Report performed by a representative of the Office of Quality Assurance of BSC's Surveillance, BSCQA-02-S-11, which was conducted by the BSC QA Organization on June 12-16, 2002.

The purpose of the observation was to evaluate compliance, implementation, and overall effectiveness of the self-assessment process. Work activities examined concerned implementation of Administrative Procedure (AP) 2.20Q, Revision 1, ICN 1, *Self-Assessments*. The surveillance was conducted in accordance with AP-2.26Q, Revision 0, *Quality Assurance Surveillance*.

The BSC surveillance team identified one potential Condition Adverse to Quality during the surveillance. A review of the self-assessments listed in Section 1 revealed that self-assessment reports were issued without having all the attributes adequately addressed.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or John R. Doyle at (702) 794-5021.


Ram B. Murthy, Acting Director
Office of Quality Assurance

OQA:JB-1432

Enclosure:
Observation Report OQA-02-OR-03



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**U.S. DEPARTMENT OF ENERGY
OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
OFFICE OF QUALITY ASSURANCE**

OBSERVATION REPORT

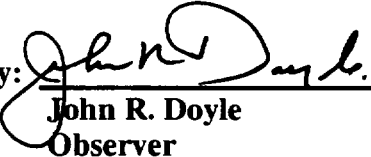
OF

**BECHTEL SAIC COMPANY, LLC
YUCCA MOUNTAIN PROJECT**


**SURVEILLANCE BSCQA-02-S-11
SELF ASSESSEMENTS**

CONDUCTED AT LAS VEGAS, NEVADA

JUNE 12 - 16, 2002

Prepared by: 
John R. Doyle
Observer
Navarro Quality Services

Date: 7/3/02.

Approved by: 
Ram B. Murthy
Acting Director
Office of Quality Assurance

Date: 8/4/02

ENCLOSURE

1.0 INTRODUCTION

The Office of Civilian Radioactive Waste Management (OCRWM) Office of Quality Assurance (OQA) representatives observed the Bechtel SAIC Company, LLC (BSC) Quality Assurance (QA) surveillance team perform Surveillance BSCQA-02-S-11, which was conducted on June 12-16, 2002. The purpose of the observation was to determine the adequacy of the surveillance process in examining the implementation of Administrative Procedure (AP) AP-2.20Q, Revision 1, ICN 1, *Self-Assessments*.

The BSC QA surveillance was conducted to evaluate compliance, implementation, and overall effectiveness of the self-assessment process. Work activities examined concerned implementation of AP-2.20Q. The surveillance was conducted in accordance with AP-2.26Q, Revision 0, *Quality Assurance Surveillance*.

The following BSC Self-Assessment Reports, Condition/Issue Identification and Reporting/Resolution System (CIRS) items, Deficiency Reports (DR), and Corrective Action Reports (CAR) were examined and evaluated during the BSC QA surveillance:

1. Self-Assessment Reports:

SA-CSO/LBNL-02-01, *Review of Verification Education and Experience for UZ Flow, Transport and Coupled PMR Participants*
SA-PAP-2002-003, (SA-CSO/SNL-FY02-003) *SNL Software Qualification Activities*
SA-ENG-2002-001, *Requirements Allocation for Engineering Sponsored Processes and Procedures*
SA-ENG-2001-003, *Engineering Office Safety Ergonomics*
SA-ENG-2002-004, *Engineering Training Requirements and VOEE of Employees added to the Engineering Department Job Function Training Matrix*
SA-LAP-2002-001, *License Application Software Production Capability*
SA-LAP-2002-002, *Evaluate the Status of License Application Project Training Completed Follow-Up*
SA-LAP-2002-003, *Links from a System Analysis to the Safety Basis Report*
SA-PAP-2002-001, *Data Source Collection, Data Input, and Data Qualification Plans for TSPA-LA*
SA-PAP-2002-002, *Follow Up on Self Assessment Findings*
SA-PAP-2002-004, *EBS Operations*
SA-PAP-2002-005, *Training Requirements Implementation*
SA-PAP-2002-006, *Processing and Fabrication of Plate Samples (Alloy 22)*
SA-PROJ-2002-006, *Review the Implementation and Effectiveness of SA's Performed in Projects between 2/12/01 – 2/27/02*
SA-PROJ-2002-007, *Project Zero accident Philosophy Activities for 1st and 2nd Quarter of FY 2002*

SA-RDP-2002-003, Effectiveness of Database Training Server as a Tool to Communicate and Encourage the Timely Completion of Training Requirements
SA-SOP-2002-006, Site Operations' Corrective Actions that Address FY 2001 ISM Deficiency

2. CIRS Items:

2214, 2435, 2436, 2437, 2239, 2420, 2444, 2447, 2448, 2449, 2450, 2451, 2452, 2453; 2439, 2487, 2488, 2489, 2493, 2420, 2524, 2530, 2531, 2580, 2581, 2587, 2588, 2632, 2633, 2636, 2637, 2638; 2659, 2660, 2661, 2662

3. DR/CAR:

BSC-02-D-057
BSC-01-D-129
BSC-02-C-001

2.0 OBJECTIVE

This report summarizes the observer's evaluation of the surveillance process and the ability of the BSC QA surveillance team to examine the adequacy and effectiveness of BSC's implementation of the self-assessment process.

3.0 SURVEILLANCE PARTICIPANTS/ORGANIZATION/FUNCTION

Duane Aldred	BSC QA/Surveillance Team Leader
Pamila R. West-Thompson	BSC QA/Surveillance Team Member
Kenneth O. Gilkerson	BSC QA/Surveillance Team Member
John R. Doyle	OQA/Navarro Quality Services/Observer

4.0 REVIEW OF THE SURVEILLANCE PROCESS

The BSC surveillance activity was observed to determine the surveillance team's implementation of the AP-2.26Q surveillance process. The observer's evaluation was based on a review of objective evidence, observation of the surveillance team's activities, and discussions with the surveillance team.

The Surveillance Team Leader reviewed the overall progress of the surveillance on a regular basis with the OQA observer, kept the surveillance on schedule, and reviewed the status of the surveillance and discussed concerns with BSC personnel. The surveillance team members freely communicated information within the team and to responsible BSC personnel, which contributed to the overall effectiveness of the surveillance.

The surveillance team's interviews and reviews of objective evidence were thorough to

the extent necessary to determine the adequacy of activities and the effectiveness of implementation of AP-2.20Q. The surveillance team conducted the surveillance in a professional manner, interacted well with the staff, and kept management informed on the progress of the surveillance and the status of concerns.

5.0 CONCLUSIONS

The surveillance team was effective in meeting its stated objectives, and the observer agrees with the surveillance team's conclusion that the BSC implementation of AP-2.26Q is being effectively implemented as evaluated within the scope of the surveillance. The surveillance team was organized, well prepared, and worked well together. Surveillance team members appeared knowledgeable of the process being examined and thorough in their review and implementation of AP-2.26Q. The surveillance team appropriately involved the observer in the surveillance process and addressed observer questions promptly.

The surveillance team identified one Condition Adverse to Quality during the surveillance. A review of the Self-Assessments listed in Section 1 of this report reveals the following inconsistencies to AP-2.20Q:

1. SA-PAP-2002-001 indicated the incorrect QA designator on the title page of self-assessment report and does not have the required lessons learned summary as per the requirements of AP-2.20Q.
2. SA-PAP-2002-002 did not have the necessary details for the conclusion derived nor the individuals interviewed.
3. SA-PAP-2002-004 did not include the self-assessment criteria or the QA designation of the report.