



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Reply to:
301 E. Stewart Ave., #203
Las Vegas, NV 89101

TO: Joseph Holonich, Director, HLPD, M/S 4 H 3
FROM: Sr. On-Site Licensing Representatives Office
DATE: August 14, 1992
SUBJECT: YUCCA MOUNTAIN FIELD OFFICE (YMSO) FIELD ACTIVITY REPORT
FOR THE WEEKS ENDING JULY 31, 1992 AND AUGUST 7, 1992

Please find enclosed the above-referenced reports.

There is nothing requiring specific management attention in the reports.

nan

cc: w/encs.: Charlotte Abrams, M/S 4 H 3
Rosetta Virgilio, M/S 3 D 23
Dean Kunihiro, Region 5

250103

9208250232 920814
PDR WASTE
WM-11 PDR

WM-11
102
VH12
11



Department of Energy
Yucca Mountain Site Characterization
Project Office
P. O. Box 98608
Las Vegas, NV 89193-8608

WBS 1.2.7.4
QA: N/A

AUG 07 1992

Carl P. Gertz, Project Manager, YMP, NV

YUCCA MOUNTAIN SITE OFFICE (YSMO) FIELD ACTIVITY REPORT

The following are the significant field activities for the weeks ending July 31, 1992 and August 7, 1992:

1. Field Operations Center (YMSO)

A. Management and Administration

- a. The Site Manager and FOC staff participated in and provided operational and logistical support to several tours conducted during this period. These were: DOE/HQ Summer Student, Review Journal Editorial Board, Wyoming Senator, and British Government Officials.
- b. Job Package 92-12 was issued.
- c. Continuing with development of data base for Facilities Management Program.
- d. Developed presentation on "alternatives to repairing the FOC" for presentation to Gertz on 7/27.
- e. Continuing with inventory of facilities for input into database.
- f. Developed presentation on White Paper comments for presentation to Gertz, Division Directors and TPO's scheduled for 8/3.

B. Project Safety and Health, (DOE/SAIC)

- a. Completed editing 2 new FOI's and revision to FOI 5401. Redrafted new FOI on Job Safety Analysis.
- b. Developed visitor warning line system for top of Yucca Mountain and submitted cost estimate.
- c. Worked on design for dust collection system for LM-300, drafted memo making recommendations.
- d. 2 SCHD staff attended 3 day seminar on self realization and goal setting.

AUG 07 1992

- e. Reviewed requirements to allow visitors to enter "X" tunnel.
 - f. Reviewed fire code requirements for portable buildings.
 - g. Conducted 3 surveillances; 2 at Midway Valley and 1 at UZ-16.
 - h. Reviewed safety aspects of new core extruder with SMF personnel.
 - i. Critiqued safe driver training class.
 - j. Reviewed draft DOE Order 5480.PI.
 - k. Accompanied new media into "X" Tunnel.
 - l. Attended meeting to site new NRG-6 location.
 - m. Attended meeting to finalize wording and design of environmental limited access signs.
 - o. Resolved comments on drafts of AP-5.44 and AP-5.43.
 - p. Attended National Committee on Tunnel Technology symposium on underground construction for the Superconducting Super Collider.
 - q. Attended Bullfrog Planning Commission meeting.
 - r. Completed memo on LM-300 Vacuum Drilling and Dust Collection with recommendations for equipment selection.
 - s. Redlined Electric Forklift at SMF Warehouse. Proposed solutions to bring unit into compliance with OSHA.
 - t. Writing up finding on appraisal of USGS Hazard Communication Program.
 - u. Supported ongoing tours.
2. Raytheon Services Nevada, (RSN)
- 1. Field Support
 - a. Survey crew continued work on Area 25 control net.
 - b. The Field Engineering Group checks the trench walls on a daily basis in order to determine suitability for continued operations.

- c. Coordinated the staking of the geophysical lines.
 - d. Survey crew establishing control at existing Drill Hole Sites.
 - e. Survey crew supporting UZ-16, Midway Valley Trenches (Magnetometer and Gravity Stations), and Phase II of the Test Pits.
 - f. Issued two (2) work initiations (WIs) in support of Midway Valley Test Pits.
 - g. Surveyed T5A, T4, and T6 trenches; only calculations and plotting remain.
 - h. Staked tentative location for NRG-6.
 - i. The Field Engineering Group supporting UZ-16 with Drilling Engineers on-site.
 - j. Survey crew establishing control at existing Drill Hole Sites.
2. Quality Control
- a. Monitored UZ-16, LM-300 activities for drilling coring and reaming. REECO experiencing problems with plugged bit. Lost bit and pipe in hole, fished out lost pipe, reaming resumed. Taking inclination shots to see if hole is vertical, last shot indicated 3/4 degree out of vertical.
 - b. Rick Weeks, SAIC, performed followup surveillance on field documentation, no significant findings.
3. Sample Management Facility, (SMF/SAIC)
- a. Continued processing and recovery of core and cuttings from UZ-16.
 - b. Laid out 794 boxes of core from UZN-16 for examination by USGS, LANL, and USBR.
 - c. Processed Neutron Hole 23 specimens for USGS.
 - d. Completed preparations for drilling USW UZN-63.
 - e. Completed preliminary Geologic Cross Section of Exile Hill.

4. YMP Hydrologic Research Facility, (USGS)

- a. Normal data retrieval from instrumented holes on Yucca Mountain by Saturated Zone Group.
- b. Field personnel conducting neutron logging in the field.
- c. Meteorological Project collecting satellite data, precipitation data and synoptic scale weather chart information.
- d. Gordon Ratray at NTS for monitoring tracer gas injection during drilling at UZ-16 and meet with Caltrol about automated tracer gas injection system.
- f. Chris Menges, Bob Cress in Midway Valley and Yucca Wash Area.
- g. Joe Henderson and Mike Chornack at NTS for administrative meetings with HRF personnel.
- h. Jean Brooks at NTS to turn over all excess merchandise to DOE. Bring back copies of 9064 to remove items from employee's property lists.
- i. Jim Brune and Bill Hendrix, UNR, in field for Seismic studies, earthquake and aftershock analysis.
- j. Joe Rousseau at NTS to correct problems in programs used for testing and verifying sensor output at HRF Claibration lab.
- k. Dave Ponce, Bob Soccarro and staff, USGS, Menlo Park at NTS conduct gravity magnetic survey in Midway Valley and Yucca Wash area.
- l. Pete Stiffler at NTS for monitoring tracer gas injection at UZ-16 and to observe core collection for hydrochemical studies.
- m. Bob Cress working in Midway Valley and Yucca Wash area.
- n. Grady O'Brien at NTS for installation of Dataloggers to continuously monitor water levels in conjunction with chart recorders. Coordinate field activities and to monitor water levels during pumping at USW VH-1.
- o. John Perry, UNR, in field for Seismic studies, earthquake and aftershock analysis.

AUG 07 1992

- p. Ed Gutentag and Claudia Faunt in Beatty to collect SR 86/87 samples from well.
- q. Dave Ponce, Bob Soccarro and staff, USGS, Menlo Park at NTS to conduct gravity magnetic survey in Midway Valley and Yucca Wash area.
- r. Bill Steinkampf at NTS to collect field data and water samples from VH-1.
- s. John Czarnaeki at NTS to participate in VH-1 testing and sampling; remove pipe from NA-9, Amargosa Desert; visit sites on Franklin Lake playa; meet with staff from Naxos Resources in Death Valley Junction.
- t. Tom Oliver and Bob Lichty in Nevada to analog recharge sites in Central Nevada.

5. Reynolds Electrical and Engineering Co., Inc., (REECO)

1. Drilling

- a. JP 92-3, UZ-16, LM-300, cored to 408.67 feet, reamed to 382.2 feet. Deviation surveys at 188.00 feet, 0 degrees, 30 minutes and 278.00 feet 0 degrees, 45 minutes.
- b. On 7/28, while tripping 9 5/8 inch drill pipe out of hole, 50 feet off bottom the driller dropped the string by accident. Fished tools out of hole.

2. Logistics

- a. Continued requisitioning supplies, materials, and services for YMP Field Operations Center.
- b. Supported ongoing and continued preparations for upcoming tours.

3. Construction

- a. No report submitted.

6. Los Alamos National Laboratory, (LANL)

- a. Fran Ridge pit mapping planing and Job Package development ongoing.
- b. ESF - 90% Title II design review of package 1A, in progress.

AUG 07 1992

7. Field Training
 - a. No report submitted.
8. Field Test Coordinator
 - a. No report submitted.
9. Field Test Facility Support
 - a. No report submitted.
10. Las Vegas Operations Center
 - a. No report submitted.
11. Document Records Center, (SAIC)

- a. Received and Issued to following controlled documents:

Job Packages

YMP/JP91-9, Rev. 2, "Neutron - Access Boreholes Job Package."
YMP/JP91-9, Rev. 3, "Neutron - Access Boreholes Job Package."
YMP TPP-01-34, Rev. 1, "Evaluation of Natural Infiltration."
YMP TPP-91-34, Rev. 2, "Evaluation of natural Infiltration."
YMP/JP92-12, Rev. 0, "Quaternary Faulting within the Site Area."
YMP/TPP-92-05, Rev. 0, "Quaternary Faulting within the Site Area."
YMP/JP91-9, Rev. 3, "Correction."
YMP/TPP-92-03, Rev. 1, "Midway Valley Investigations."

Drawings

JS-025-CST-C2.1, Rev. 1, "Calcite/Silica Trench 14 Site Plan."
JS-025-CST-C3.1, Rev. 1, "Calcite/Silica Trench 14 Detail Sheet."
HN-0250MVT-T1.1, Rev. 1, "Midway Valley A, 1 & 2 Trenches Title Sheet."

FCRs

OBSOLETE

FCR 91/088, "Change to Approved RSN Spec 02200, Section 02230 and YMP/JP91-2."
FCR 91/089, "Correction to Typographical Errors and Drawing HN-025-MVT-C2.0."
FCR 92/015, "Revision to JP91-9 Rev.1)."
FCR 92/036, "Borehole Location Revision (JP91-9 Rev. 1)."

AUG 07 1992

FCR 92/041, "Remove Equipment List and Minor Test Add Test to Authorization."

FCR 92/049, "Remove 3 Day Notification Provisions (JP92-4)."

FCR 92/052, "Revise Grading Package Information (JP92-4)."

FCR 92-056, "Backfill Trench 12 (JP91-9 Rev. 2)."

FCR 92-074, "Borehole Location Revision, JP91-9."

- b. Copied 4903 pages.
- c. Issued 0 requested controlled documents.
- c. Reproduced 264 engineering copies.
- d. Issued 5 uncontrolled documents.
- e. Received 13 completed record packages from SMF.
- f. Input to the controlled document information system (CDIS) data base:
 - 54 request for controlled documents
 - 243 cancellations for controlled documents
 - 222 name transfers for controlled documents
- g. Attended FOC staff meeting.
- h. Met with RSN regarding transfers of controlled documents to new employees.
- i. Provided support to Property control regarding DRC transition.
- j. Met with Bill Glasser, REECO, regarding reference documents.
- k. Completed training assignments for Sample Management Facility.
- l. Continued clean-up for M&O transition of the DRC.
- m. Met with FCCB regarding FCR deletions.
- n. Set up flat file in records vault for oversize records submitted as a record package segment.
- o. Met with RSN regarding their controlled documents.
- p. Met with TRW regarding the transition.

AUG 07 1992

- q. Inventoried all DRC files.
- r. Met with Robin Lee regarding PC Software for the transition.
- s. Continued clean-up for M&O transition of the DRC.
- t. Completed performance review for Records Management.

12. SAIC Field Operations Center

1. General

- a. Provided operations support for Field Site Characterization activities.
- b. Supported ongoing tour efforts.
- c. Completed design of new parking scheme surrounding FOC. Estimating cost to paint new lines for new parking scheme.
- d. Preparing evacuation procedure FOI.
- e. Developing methods for obtaining more and better advance methods for relating to other groups activities requiring lockouts from Area 25.
- f. Continued review of Site Emergency Management Plan.
- g. Identified individuals or ORPS reporting and provided names to Site Manager.
- h. Researching information for an FOI on use and upkeep of gravel roads on the Ranch.
- i. Continued review of Site Emergency Management Plan.
- j. Prepared authorization correspondence for Job Packages 92-12 and 91-9, Revision 3.

2. Work Request/Photographic Coordination

- a. Processed veiographs for Gertz/Wilson for 07/24 presentations.
- b. Video and Still coverage arranged for media presentations, 07/24.
- c. Photographs of Indian Springs Modular Buildings taken for Bullfrog Planning Commission.

Carl P. Gertz

-9-

AUG 07 1992

- d. Revision made to FOI 4002, Video requests and references to AP-5.39Q were some of the changes.
- e. "LM-300 Prototype Drilling Summary" video completed and approved by Ule S. Clanton.
- f. Video and stills taken at Beatty and Pahrump Information Offices to help with plans for upgrade of displays.
- g. Two maps were produced for Bullfrog Planning Commission.
- h. Drafts of Poster and Certificate were designed for the Safety Committee.

*Robert F. White for
W. Wilson*

Winfred A. Wilson
Site Manager

YMP:WAW-350

cc:

R. M. Cameron, M&O/YMSO, Mercury, NV
R. R. Schneider, SAIC/YMSO, Mercury, NV
G. K. Beall, SAIC, Las Vegas, NV
J. H. Peck, SAIC, Mercury, NV
C. J. Cotten, SAIC, Las Vegas, NV
I. R. Cottle, SAIC, Las Vegas, NV
M. B. Blanchard, YMP, Las Vegas, NV
R. V. Barton, YMP, Las Vegas, NV
J. R. Dyer, YMP, Las Vegas, NV
S. B. Jones, YMP, Las Vegas, NV
U. S. Clanton, YMP, Las Vegas, NV
R. B. Baumeister, YMP/YMSO, Mercury, NV
R. J. White, YMP/YMSO, Mercury, NV
P. T. Prestholt, NRC, Las Vegas, NV

bcc:

Ann Bonk, REECO, Las Vegas, NV