



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

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TO: Joseph Holonich, Director, HLPD, M/S 4 H 3
FROM: Sr. On-Site Licensing Representatives Office, Las Vegas
DATE: MAY 6, 1993
SUBJECT: YUCCA MOUNTAIN SITE OFFICE (YMSO) FIELD ACTIVITY REPORT ENDING
APRIL 16, 1993

Please find enclosed the above-referenced report.

There is nothing requiring specific management attention in the report.

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

JSP:nan
Enclosures as stated

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

WBS 1.2.7.3
QA: N/A

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Carl P. Gertz, Project Manager, YMP, NV

YUCCA MOUNTAIN SITE OFFICE (YMSO) FIELD ACTIVITY REPORT

The following are the significant field activities for the week ending April 16, 1993:

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: Kenny Guinn JHS; Orr Jr. High; Mary Louis Wager; Project Property Administrators; Our Lady of Las Vegas and UNR-Mackey School of Mines.
- b. The Site Manager and the FOC Safety & Health personnel performed their "management review" of the 50% Design Review of ESF Package 1B.
- c. Site Manager and staff also made a design review of the Access Road for NRG-4 Borehole.
- d. The Site Manager submitted his monthly update reports of YMP Vehicular Fleet Handling, Area 25 and Portable Radio assignments to REECO.
- e. Provide operations, administrative, and security support to the Yucca Mountain Site Manager and his DOE staff.
- f. Provided operational and administrative support for site characterization activities in the field.
- g. Provided administrative support for issuing vehicles, first aid kits, fire extinguishers, and other necessary equipment to personnel performing field duty.
- h. Prepared and transmitted daily operations reports to NORSOC, and the biweekly reports to HQ OCRWM.
- i. Created and issued ORPS Report 93-0002 concerning damage to archaeological site.

- j. Provided duty officer support for ESF swing shift operations. Continued work on revised Duty Officer procedures to support shift operations.
 - k. Completed revision to FOI 4705, "YMP Work Site and Area Access and Controls" and submitted to Site Manager.
 - l. Processed eight (8) Work Order Requests.
 - m. Continued planning for office reorganization within the FOC building.
 - n. JCWSI photographers commenced 2 shift work schedules in support of ESF activities.
 - o. Made recommendations to DOE/YMPO for DNA agreement allocation for next 3 years to support YMP activities.
 - p. Set up stills and video for upcoming NWTRB and Media Tours.
 - q. The Bullfrog Planning Commission continuing with development of data base for Facilities Management Program.
 - r. Discussed comments on RSN's draft Trade Study on proposed facility siting with representative of RSN.
 - t. Attended Site Development Committees meeting.
- B. Project Safety and Health, (DOE/SAIC)**
- a. Completed Roads and Traffic Enhancement Committee meeting. Drafted minutes and distributed.
 - b. Discussed and resolved blasting notification procedure with FOC Manager.
 - c. Completed work on draft implementing line procedure "DOE Employee Safety and Health Program."
 - d. Continued REECO Safety and Health function appraisal.
 - e. Completed draft of Safety and Health section of Self-Assessment Implementation Plan. Turned over to POCB for input concerning Environmental.
 - f. Reviewed first draft of OCRWM Safety & Health Plan.

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- g. Completed two surveillance: UZ-16, vacuum cleaning of Hole; and random check of fire extinguisher monthly inspection compliance in Area 25 buildings.
- h. Began internal audit on First-Aid kit program.
- i. Escorted EH-1 Representative through Building 4015. Discussed issues related to fire protection variance.
- j. Conducted air quality studies after detonations at ESF tunnel entrance. Air quality good, report submitted.
- k. Conducted illumination survey of ESF Worksite.
- l. Occurrence Reports - three awaiting for FM Signature.
 - 1. REECO - six outstanding: 3 awaiting FM Signature; 3 rejected (09/22/92 and 2 on 4/15/93).
 - 2. SAIC - 1 outstanding: 1 initial notification (4/15/93).

2. Raytheon Services Nevada, (RSN)

A. Field Support

- a. Geologic mapping survey of Ghost Dance Fault, Phase II is scheduled for April 1993.
- b. GSF test pits surveyed. Calculations and plotting remain. Survey of booster pump station test pits complete. Survey and calculations of percolation test boreholes are complete. MTL tests are ongoing.
- c. Survey for Geologic Mapping of North Portal Box Cut, Phase III and IV are complete, calculations remain.
- d. Re-survey of trenches CF1 and T8 complete. Calculations remain.
- e. Field alignment of LM-300 rig completed.
- f. Survey and calculation of centerline profile for North Portal Box Cut Complete.
- g. Survey of Geophone locations for Construction monitoring is completed.
- h. Survey of NRG-5 drill pad and access road completed, calculations remain.

- i. Survey NRG-4 centerline complete, calculations remain.
- j. Issued six (6) Work Initiations in support of ongoing and upcoming job packages.
- k. Field Engineering continues to provide support to JP: 91-9 Rev. 3; 92-2; 92-5; 92-8; 92-12; 92-17; 93-03 and 92-20.
- l. Field Engineering continues to check Trench 14, JP 91-2, daily to insure suitability for operations.
- m. Survey crew continuing work on the Area 25 Survey Control Net.
- n. Survey of Starter Tunnel, support is ongoing.

B. Quality Control

- a. Performed verification activities on NRG-5 Road and Pad construction.
- b. Closed field verification Plan FVP-93-038.0. Documentation package for USW VF7 well and sent records to RSN Records Coordinator.
- c. Started verification of activities on UZ-14 borehole, utilizing the LM-300 drill rig.

3. Sample Management Facility, (SMF/SAIC)

- a. Began drilling on UZ-14.
- b. Supported SOC meeting, 4/14.
- c. Shipped 3 boxes of specimens from UZ-16, UE25 C-1, C-2, C-3, and B-14 to USGS for examination.
- d. Laid out 79 boxes of core from UZ-16 and 75 from NRG-6 for Core Party.

4. YMP Hydrologic Research Facility, (USGS)

The following activities were accomplished by USGS Staff:

- a. Magnetic logging of UZ-16.
- b. Installing and programming automated tracer gas injection system on UZ-14 and train others on system.

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- c. ~~Geologic~~ mapping of ESF North Portal Ramp.
- d. Conduct mapping in 40-Mile Wash.
- e. Install small diameter packer in well H-5.
- f. Gas sampling from UZ-16 Borehole.
- g. Log UZ-16 with neutron, gamma and caliper tools.
- h. Conduct geodetic leveling studies in Yucca Mountain Area.
- i. Clean exposures and map trenches in Busted Butte and Crater Flats.
- j. Calibrate Well P#1 and H-5, and conduct water level measurements on H-5 and J-12.

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

A. Drilling

- a. JP 92-17, UZ-14, LM-300 drill rig, cored to 11.07 feet.
- b. USW WT-7 Work Program, finished running and hanging new tubing and screen. Riggged down and moved off location.
- c. JP 92-11, NRG-6, finished laydown core rod and moved rig off location.

B. Logistics

- a. Continued requisitioning supplies, materials, and services for YMP Field Operations Center.
- c. Supported tours during the week.
- d. Supported construction efforts in Area 25.

C. Construction

- a. JP 92-20, "ESF North Portal Pad and Facilities....REECO began placing and compacting bedding material in trench bottom for 48" RCP at access road; continued screening rip-rap for drainage channel; continued road work and ditch work at topsoil and rock storage access road.

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6. Los Alamos National Laboratory, (LANL)

- a. Continued monitoring construction activities at the North Portal Box Cut.
- b. M&O determined that shotcreting the crown was required to maintain safety. LANL, USBR, and Field Test Coordinator agreed with this and shotcreting was applied.
- c. Continued to obtain list of individuals available for shift work for the Field Test Coordinator.
- d. JFT Agapito Assoc. located geophones on ESF Pad. Geophones recorded data from blasts and peak particle velocity was determined.

7. Document and Records Center, (CRWMS M&O)

- a. Received and Issued to following Controlled Documents:

Job Packages: N/A

Test Planning Packages: N/A

Specifications: N/A

Drawings: N/A

Work Programs: N/A

FCRs:

FCR 93/250, "Additional Test Fitting for 6" RTRP."

FCR 93/290, "Addition of TFM Reporting Requirements."

FCR 93/288, "Changes to the Rock Bolt Required Test Load (RTL)."

FCR 93/165, "Relaxation of Dimensional Tolerance on FCR #93/007."

FCR 93/254, "Changes to Rockbolts and Accessories Spec to Incorporate Installation...Bolts."

FCR 93/190, "Add Hold H-15, Switchgear Bldg. Foundation."

- B. Reproduction: 9,491 pages copied.
273 drawings copied.

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C. Documents Issued: 420 Controlled documents.
 - 420 FCR's
 - 0 DWG's
 - 0 WP's
 - 0 JP's
 235 information copies.

D. DTAR Logoffs: 217.

8. Field Training, (SAIC)

- a. General Employee Radiological Training, 32 people attended.
- b. Standard First Aid, 13 people attended and were certified.
- c. 4 GET 1.5 exams were administered. All examines passed.
- d. Radiological Control Technician Testing conducted. A total of 9 took the testing.
- e. New Miner Training, 13 people attended.

Winfred A. Wilson

Winfred A. Wilson
Site Manager

YMP:WAW-93/107

cc:

- R. M. Cameron, CRWS M&O/YMSO, Mercury, NV
- M. D. Voegele, SAIC, Las Vegas, NV
- R. R. Schneider, SAIC/YMSO, Mercury, NV
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- W. R. Tunnel, YMP/YMSO, Mercury, NV
- R. J. White, YMP/YMSO, Mercury, NV
- ~~Phil Justus, NRC, Las Vegas, NV~~

bcc:

- A. C. Bonk, REECO, Las Vegas, NV