



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

Reply to:
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Las Vegas, Nevada 89101
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TO: David Brooks, Acting Director, HLPD, M/S 4 H 3
FROM: Paul T. Prestholt and John W. Gilray
Sr. On-Site Licensing Representatives
DATE: March 13, 1992
SUBJECT: YUCCA MOUNTAIN SITE OFFICE (YMSO) FIELD ACTIVITY REPORT

Please find enclosed the above-referenced YMSO report for the weeks ending February 14, February 21, February 28, and March 6, 1992.

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

NOTE TO CHARLOTTE: Also enclosed is the EG&G Energy Measurements, Inc. monthly status report for February 1992, REECO February 1992 Status Report and Los Alamos January 1992 Monthly Activity Report.

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WM-11 PDR

ADD: Charlotte Abrams
ltr. Encl.
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NH03



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

FEB 27 1992

Carl P. Gertz, Project Manager, YMP, NV

YUCCA MOUNTAIN SITE OFFICE (YMSO) FIELD ACTIVITY REPORT

The following are the significant field activities for the weeks ending February 14, 1992 and February 21, 1992:

1. Field Operations Center, (YMSO)

A. Management and Administration

- a. The Site Manager and FOC participated in and provided operational and logistical support to numerous tours conducted during this period. These were: United Kingdom, Nirex; Southwest Gas; ABC News; William Poole; Engineers and the RV Rally, Amargosa Valley.
- b. Site Manager initiated the Job Package Authorization Letter for JP 92-4, UZ-16 Drill Pad and Access Road. A pre-construction Conference was held on February 19, 1992, with all responsible project participants and covered subject matter i.e. scope of work, responsible persons and points of contact, safety, health and emergency response, training, environmental and radiological issues, QA issues, reporting and REECO's readiness. On February 13, 1992, the Site Manager approved and signed the REECO Work Order #3435-505, for the amount of \$113,700.
- c. The Site Manager convened the Field Change Control Board (FCCB) to act upon eight (8) Field Change Requests (FCRs). These were all approved by the Chairman, FCCB and the secretary will make distribution.
- d. Provided operations support for field site characterization activities.
- e. Installation of additional steps on tour vans to assist in entering exiting the vans.

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

- a. Provided support for on-going field site characterization activities.

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- b. Staff members attended CPR training and Seminar on Technical Writing.
 - c. Completed development of material for Defensive Driving Course.
 - d. Attended UZ-16 Pre-Construction Meeting.
 - e. Inspected electrical power drops to two trailers at SMF.
 - f. Attended 5 year S&H planning meeting to get program estimates from REECO for IH, Medical, Fire Protection, and S&H efforts.
 - g. Researched and responded to procedural queries on three Safety and Health Procedures; AP-5.7; AP-5.38; and AP-6.12.
 - h. Resolution to two electrical safety concerns; a) spec violation in constructing new office in the FOC; b) Disengaging of generator at SMF building.
 - i. Met with RSN and REECO operations to discuss all of the grounding electrical code issues. Resolved issues by agreeing to "design" systems and RSN inspectors would check system.
 - j. Held a Safety and Health Advisory Committee Meeting.
 - k. Coordinated the planning of a First Aid training class at the site.
- C. Work Request/Photographic Coordination
- a. Complete Concept Paper for Photo Services Subcontract.
 - b. Completed consolidation of photo services survey form to be sent to Participants by Site Manager.
 - c. Completed safety videotape for training group featuring Carl Gertz.
- D. Field Test Facility Support
- a. Mobilized at the FOC to support Site Manager, provide budget and schedule analysis of Job Packages, and Acting COTS Management.

2. Raytheon Services Nevada, (RSN)

A. Field Support

- a. Survey crew continued work on Area 25 control net.
- b. The Field Engineering Group checked the Trench 14 walls on a daily basis in order to determine its suitability for continued operations.
- c. The Field Engineering Group writing and revising internal procedures.
- d. Survey crew created topo map for sanitary landfill site for REECO Engineering.

B. Quality Control

- a. Performed verification activities on JF-3 and N-11.
- b. Submitted FCR to add Field Verification Plan 92-3 to Job Package 92-4, (UZ-16).

3. Sample Management Facility, (SMF/SAIC)

- a. Removed and shipped 85 specimens from UZN-37.
- b. Training on BTP-SMF-008 was held for personnel.
- c. Submitted AP-6.4Q for revision and approval.
- d. Collected and prepared Topopah Springs outcrop samples for public display.
- e. Continued processing cutting specimens from USW UZN-37.
- f. Compiled specimen request for upcoming SOC meeting.
- g. Laid out 46 boxes of existing core for examination.

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. Denver personnel in field to conduct training on Quality Assurance Procedures.
- e. Lou Ducret, USGS and SAIC LRC staff conducted QA Records Management Class for USGS staff.
- f. Denver personnel at HRF Calibration Lab calibrating instrumentation for Borehole drilling equipment to be used next week.
- g. Art Baum, Ron Linden, SAIC Golden, doing mapping at Ghost Dance Fault for USGS Geologic Division.

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

Activities conducted during week ending February 14, 1992:

A. Drilling

- a. JP 91-9; Neutron Access Boreholes, UZN-11, CME Rig. Cored to 10.3' and to 4.95' Odex casing. Standing by due to weather. Crew moved LM300 from Area 6 to Area 25 Subdock to rig up for demonstration.
- b. JP 92-1, JF-3 Water Monitoring Well, Joy #1 rig, make up 250 GPM pump on 3 1/2" N.W. Tripping in hole, 12 joints (274'). Per DOE Safety, stop work while checking grounding on the down hole pump.

B. Logistics

- a. Continued requisitioning supplies, materials, and services for YMP Field Operations Center.

- b. Preparing for upcoming Tours, 2/20, 2/25, 2/26, and Open House Tour, 2/29.

C. Construction - no report submitted.

Activities conducted during week ending February 21, 1992:

A. Drilling

- a. JP 91-9, Neutron Access Boreholes, UZN-11, CME Rig. Cored to 10.3' and to 4.95' Odex casing. Due to bad weather no activity to report at this time.
- b. JP 92-1, JF-3 Water Monitoring Well, Joy #1 Rig, on 02/19 at 1030 hours received word to resume running pump down hole.

B. Logistics

- a. Continued requisitioning supplies, materials, and services for YMP Field Operations Center.
- b. Preparing for upcoming Tours, 2/25, 2/26, 2/28, and Open House Tour, 2/29.

C. Construction - no report submitted.

6. Los Alamos National Laboratory, (LANL)

- a. Attended UZ-16 Pre-Construction Meeting. Identified concern on job package as to how pad fill material hauled from Area 1 will be controlled under the TFM Management Plan (YMP/91-23). Resolution of this concern is being initiated.

7. Document and Records Center, (SAIC)

Activities during week ending February 14, 1992:

- a. Attended FOC staff meeting and SAIC all hands meeting.

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- b. Met with RMD Division Manager to provided status of DRC activities.
 - c. Received a Controlled Document Issuance Authorization to obsolete FCR 92/033, "Backfill and Plug Well JF-3 to 1140' for JP 92-1" from FCCB Secretary.
 - d. Received and issued FCR 92/036, "Borehole Location Revision for Job Package 91-9" to controlled distribution.
 - e. Received UP 92-4, "Drill Pad Construction for VSP Drillhole UZ-16" to controlled distribution.
 - f. Received YMP-025-9-CIVL-PL01 (drawing), "Surface Based Testing UZ-16 Borehole, Site and Grading Plan" and YMP-025-9-SP05 (specification), Drill Pad for US-16 Borehole" from Site Manager for controlled distribution.
 - g. Copied 1,700 pages for YMP staff.
 - h. Issued 72 Controlled documents.
 - i. Reproduced 20 engineering copies.
 - j. Issued 20 Uncontrolled documents.
8. Field Training
- a. Conducted GET 1.2, 1.3, and 1.4 training.
 - b. Conducted GET 1.5 exam conducted for 3 persons.
 - c. Draft of Driving Safety Training ready for review 02/27.
 - d. Reviews of Field Radio course to be completed 02/28.

Winfred A. Wilson

Winfred A. Wilson
Site Manager



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

MAR 11 1992

Carl P. Gertz, Project Manager, YMP, NV

YUCCA MOUNTAIN SITE OFFICE (YMSO) FIELD ACTIVITY REPORT

The following are the significant field activities for the weeks ending February 28, 1992 and March 6, 1992:

1. Field Operations Center, (YMSO)

A. Management and Administration

- a. The Site Manager and FOC participated in and provided operational and logistical support to numerous tours conducted during this period. These were: Sandia National Laboratory; Jewish Community; Steve Huff; HQ/OCRWM Tour; General Public Open House and Site Tour; Channel 10 News and Waste Management' 92.
- b. The Site Manager initiated the Job Package (JP) Authorization letter for JP 92-2, Soil and Rock Properties North Portal: Drill Hole and Surface Facility Test Pits.
- c. The Site Manager approved and signed two new Field Operating Instructions (FOI's). These were: YMP-FOI-1101, YMP Pre-Field Activity Conference and YMP-FOI-4401, YMP Property Removal.
- d. The Site Manager has tasked T&MSS to revise AP2.9 to reflect the Project Office's policy of reporting unusual occurrences for both on-site and off-site locations. The administrative procedure revision is to be submitted to the Site Manager in final form ready for QMP 06-04 formal review NLT April 1, 1992.
- e. The Site Manager, Safety and Health Personnel and other selected personnel from the FOC completed their review of the 50% ESF Design, North Portal Complex and submitted comments to DOE/EDD.
- f. Provided operations support for field site characterization activities.
- g. Installation of additional steps on tour vans to assist personnel in entering and exiting the vans.

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

- a. Provided support for on-going field site characterization activities.
- b. Evaluation REECO Occurrence Report response to OCEWM questions concerning LM-300 Hydraulic Oil Spill. The response validated our concern that the root cause has yet to be identified.
- c. Inspected LM-300 Drill Rig and the Beatty YMIO Office.
- d. Held coordination meeting with participants safety representatives named in the UZ-16 Job Package.
- e. Rewrote position description for Safety Specialist and drafted position description for a Fire Protection Engineer.
- f. Completed Reported for Exhibit/Dining room person capacity in FOC.
- g. Coordinated IH air sampling for UZ-16 construction.
- h. Developed listing of needed IH equipment.
- i. Conducted 4 inspections of UZ-16 drill pad and 4 inspections at Midway Valley excavations.
- j. Conducted meeting on development of YMP 5 year Safety & Health Plan, with representatives from DOE HQ working group.
- k. Revising drafts of new AP's on Industrial Hygiene, Occupational Medicine, and Safety and Health Protection.

C. Work Request/Photographic Coordination

- a. Coordinated photographic support for tours.
- b. Completed distribution list for photo services.

2. Raytheon Services Nevada, (RSN)

Field Support

- a. Survey crew continued work on Area 25 control net.

- b. The Field Engineering Group checked the Trench 14 walls on a daily basis in order to determine its suitability for continued operations.
- c. Field Engineering Group writing and revising internal procedures.
- d. Survey crew staking UZ-16 site for cut and fill and layout.

Quality Control

- a. Performed verification activities on N-36 and the start of UZ-16.

3. Sample Management Facility, (SMF/SAIC)

- a. Completed core and cutting from USN-37.
- b. Processed and shipped 85 specimens from USW UZN-37.
- c. Prepared requested borehole/study plan information for upcoming SOC meeting.
- d. Completed processing core and cuttings from UZN-11.
- e. Reached total depth on UZN-36. Continued processing core and cuttings.
- f. Supported SOC Meeting, 3/3/92.
- g. Core plugger set up has been completed and operational.
- h. ISD began upgrading SMF network to ethernet.

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. Denver personnel (Jon Wolverton), at HRF to prepare Staff for upcoming internal audit.
- e. Denver personnel at NTS for Neutron Hole Drilling.
- f. Joe Rousseau at NTS to work with Anita Sims on IDAS Program.

- g. Charles Peters and Al Yang at NTS to attend SOG meeting and meet with RSN and Fisher Corp concerning SF6 injection system.
 - h. Denver personnel in field to conduct training on Quality Assurance Procedures.
 - i. Denver personnel at NTS for Neutron hole Drilling.
 - j. Denver personnel at HRF Calibration lab to assemble DISA's and instrumentation of HRF borehole #3.
 - k. Art Baum, Ron Linden, SAIC Golden, doing mapping at Ghost Dance Fault for USGS Geologic Division.
 - l. Denver personnel at NTS to describe to SMF staff USGS UZ-16 core needs, and to meet with RSN on SFG injection system and obtaining measurements for boom/winch system at HRF.
5. Reynolds Electrical and Engineering Co., Inc., (REECO)
- Activities conducted during week ending February 28, 1992:
- 1. Drilling
 - a. JP 91-9, Neutron Access Boreholes, UZN-11 was completed 02/25. Cored and cased to 84.41'.
 - b. JP 92-1, JF-3 Water Monitoring Well, Joy #1 rig, finished running downhole pump with 3 1/2" tubing. Pump intake at 724'. Pump tested OK. Ran USGS transducer on 1.6" tubing to set at 740'. USGS calibrating tools.
 - 2. Logistics
 - a. Continued requisitioning supplies, materials, and services for YMF Field Operations Center.
 - b. Supported and prepared for upcoming Tours, 2/25 (two), 2/26, 2/28, and Open House Tour, 2/29.
 - 3. Construction
 - a. JP 92-4, Began site preparation of the UZ-16 Drill pad. Cleared and removed the first 12" of Topsoil from site.

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Activities conducted during week ending March 6, 1992:

1. Drilling

- a. JP 91-9, Neutron Access Boreholes, Move CME Rig from UZN-11 to UZN-36. Lost 16 hours due to weather. Cored and cased to 59.82', hole completed 3/4.
- b. JP 92-1, JF-3 Water Monitoring Well, Joy #1 rig, USGS checking out transducers. Hooked up Controlotron systems 990 uniflo ultrasonic flow meter. USGS fluid probe at 710.02'. Start pump test at 0730 hrs., 3/4, pump rate 234 GPM, 510 minute = 119,340 gallons, drawdown 1:04.

2. Logistics

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

3. Constructions

- a. JP 92-4, completed topsoil removal for UZ-16 Drill pad. Completed cut at westend of pad, spread material and began compaction. Completed the 24'x24' Area 1, and compacted to grade. Spread Type II material.
- b. Began JP 92-2, Midway Valley Trenching. Excavated and shored six trenches. Excavated four test pits.

6. Los Alamos National Laboratory, (LANL)

- a. No activity reported.

7. Document and Records Center, (SAIC)

Activities during week ending February 28, 1992:

- a. Received and issued for controlled distribution:

Field Change Requests, thirteen total

FCR 92/043, FCR 92/046, FCR 92/041, FCR 92/042, FCR 92/044, FCR 92/045, FCR 92/048, FCR 92/052, FCR 92/049, FCR 92/056, FCR 92/058, FCR 92/053, and FCR 92/059.

Received the following for Controlled Distribution:

- a. JP 92-2, "Soil and Rock Properties North Portal Drill Hole and Surface Facility Test Pits";

Drawings

YMP-025-9-CIVL-GE01, "Standard Test Pit Site Plan and Section";
YMP-025-9-CIVL-GE02, "Standard Test Pit Excavation Sections";
YMP-025-9-CIVL-GE03, "Standard Test Pit Shoring Details";
YMP-025-9-CIVL-GE05, "Standard Exploratory Trench Site Plan & Section";
YMP-025-9-CIVL-GE06, "Standard Exploratory Trench Excavation Details";
YMP-025-9-CIVL-GE07, "Standard Exploratory Trench Shoring Details";

- b. Copies 1,789 pages for YMP staff.
- c. Issued 426 controlled documents.
- d. Reproduced 214 engineering copies.
- e. Issued 7 uncontrolled documents.

Activities during week ending March 6, 1992:

- a. Received and issued for controlled distribution:

YMP/JP 92-5, "Midway Valley Excavations Phases I and II";

Specifications

YMP-025-9-SP01, YMP-025-9-SP-2, and YMP-025-9-SP06

Drawings

YMP-025-1-CIVL-PL21, "Surface Based Testing NRG-1 Borehole Site Plan";
YMP-025-1-CIVL-GP21, "Surface Based Testing NRG-1 Borehole Grading Plan";
YMP-025-1-CIVL-FR21, "Surface Based Testing NRG-1 Borehole Access Road Plan and Profile" and;
YMP-025-1-CIVL-FR23, "Surface Based Testing NRG-1 Borehole Cross-Sections".

- b. Attended FOC Staff Meeting and SAIC Ethics meeting.
- c. Provided overview to SMF personnel regarding submittal of Record Package Segments to DRC.

Carl P. Gertz

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- d. Copies 1,252 pages for YMP Staff.
 - e. Issued 239 controlled documents.
 - f. Reproduced 8 engineering copies.
 - g. Issued 21 uncontrolled documents.
8. Field Training
- a. Conducted GET 1.2, 1.3, and 1.4 training.
 - b. Conducted GET 1.5 exam conducted for 8 persons.
 - c. Field Radio course scheduled for March 17, 1992.
 - d. Draft of Driving Safety Training being reviewed.

Winfred A. Wilson

Winfred A. Wilson
Site Manager

YMP:WAW-247

cc:

R. M. Cameron, MACTEC/YMSO, M/S 717
M. D. Voegele, SAIC, Las Vegas, NV
R. R. Schneider, SAIC/YMSO, M/S 717
G. K. Beall, SAIC, Las Vegas, NV
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U. S. Clanton, YMP, Las Vegas, NV
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~~P. D. Prestholm, NRC, Las Vegas, NV~~

bcc:

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

**YUCCA MOUNTAIN PROJECT
BIOLOGICAL RESOURCES PROGRAM
MONTHLY PROGRESS REPORT
FEBRUARY 1992**

Summary of Work Accomplished During Report Period

EG&G Energy Measurements (EG&G/EM) conducted work for the Biological Resources task (WBS 1.2.5.4.7) for the Project Office. Activities included conducting preactivity surveys; continuing site characterization effects studies, support studies for the radiological monitoring program, desert tortoise studies, and habitat reclamation studies; development of work instructions and study designs for new studies; and responding to requests for biological support by Project Office.

Monitoring and Mitigation

- A meeting was held between Project Office, USGS, and EG&G/EM to determine an acceptable location for two proposed neutron boreholes near long-term ecological study plot COL6C.
- EG&G/EM met with the Bureau of Land Management (T. Egan and C. Crosby) to discuss biological assessment requirements for permits for USGS to install stream monitoring gauges.
- Received requests to conduct preactivity surveys for neutron boreholes 15, 16, 17, and 36 (request #91-023b). Field surveys for all four boreholes were completed. EG&G/EM met with Project Office safety personnel in the field to identify an access route to boreholes 15 and 16.
- A cost estimate was prepared and submitted to Project Office for conducting a preactivity survey from the Canyon substation to the North Portal facility area.
- EG&G/EM met with Project Office to discuss the short-range construction schedule for Midway Valley and the Rock and Soil Test Pits.
- A stand-by reclamation ecologist was provided to give on-site consultation for salvaging topsoil during the initial construction work at UZ16.

ENCLOSURE

Habitat Reclamation

- Reclamation trials were started at the Forty-Mile Wash site. A weather station was installed at the site that monitors 24 soil moisture and temperature cells.
- Reclamation and soil stabilization was completed at neutron boreholes 54 and 55.
- The nursery contracted to grow plant material for reclamation trials was visited to inspect plant seedlings.

Site Characterization Effects Program

- Traffic count data were collected weekly at 9 locations. Counters were moved to new locations each week.
- Weather and soil moisture and temperature data were collected twice on 48 ecological study plots (ESP).
- Vegetation density data from FY91 continued to be entered into the computer database.
- Maintenance of the eight small mammal trapping grids was completed. This included remarking trap stations, cleaning traps, and replacing broken traps.
- Locations of soil pits were marked on 14 ESP.
- Eight sampling routes were marked for animal-vehicle collisions.
- Petri dishes with filter paper for monitoring dust deposition were placed on 40 study plots.

Radiological Monitoring Program

- The setup of two small mammal trapping grids for training staff scientists was completed.
- Surveys were conducted to locate quail coveys to help identify potential trapping sites. Construction of quail traps was completed.

Desert Tortoise Program

- Tortoise 423 was relocated from the site of the Midway Valley Rock and Soil Test Pit studies to a site 5 km east near the Calico Hills. The tortoise was monitored continuously during the daylight hours for the first 24 hours and daily since.
- Tortoise 211 moved into the Rock and Soil Test Pit area. Plans were developed for handling this animal. Radiomarked tortoises at Yucca Mountain were located once every other week. Tortoises in the Control Area were located once during the first, third, and fourth weeks because several tortoises moved. During March, all radiomarked tortoises will be located either once or twice each week.
- Information was summarized on the additional four possible relocation areas.
- One tortoise was radiomarked this week. This tortoise had been radiomarked but had lost its transmitter. One hundred-twenty-seven tortoises have been marked for the Yucca Mountain Site Characterization Project. Eighty-eight radiomarked tortoises are being monitored.

Support Items

- Sent the January monthly report of Yucca Mountain Site Characterization Project activities and accomplishments to the Project Office. Weekly reports of activities were submitted to the Project Office.
- A response was prepared and submitted to SAIC (B. Foster) regarding the Technical Review Board comment on the need for an integrated terrestrial ecosystem program.
- EG&G/EM provided support for two tours of the Yucca Mountain Site Characterization Project.
- Provided justification for the FY93-94 statements of work included in the PACS account summaries.
- Received a request from Project Office to address reclamation questions from the Nevada Nuclear Waste Project Office.
- Preparation and review of Instructions continued for FY92 field studies



Reynolds Electrical & Engineering Co., Inc.

Post Office Box 98521 • Las Vegas, NV 89193-8521

IN REPLY REFER TO:

580-01-266

WBS 1.2.9.1

QA: N/A

March 6, 1992

Carl P. Gertz, Project Manager
Yucca Mountain Site Characterization
Project Office
U.S. Department of Energy
Post Office Box 98608
Las Vegas, NV 89193-8608

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT (YMP) STATUS REPORT

Attached is the February YMP Status Report for Reynolds Electrical & Engineering Co., Inc.'s participation in the YMP.

If further information is required, please contact Sandra L. Hughes at 794-7192 or Rene' Knott at 794-7193.

R. F. Pritchett, Manager
Yucca Mountain Project Division
YMP Technical Project Officer

RFP:RRK:rm

Enclosure
Status Report (4 pages)

cy: See page 2

REECO

AN  **EG&G** COMPANY

REYNOLDS ELECTRICAL & ENGINEERING CO., INC.
(REECO)

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT (YMP)

FEBRUARY 1992 - STATUS REPORT

SITE (1.2.3)

WBS 1.2.3.5

Task: LM-300 Drill Rig and Pipe Handling System

The LM-300 drill rig and pipe handling system is presently rigged up at the Area 25 Subdock on display for groups touring the Yucca Mountain area. The rig is tentatively scheduled to be put into operation on the UZ-16 drillhole in early April 1992.

Task: Capital Equipment to support Drilling Programs

Procurement of the air processing and metering system awarded to Perry Equipment Corporation is in progress. Technical Review Committee continued review of vendor supplied welding and certification information.

Received funding for the Mobile All-Terrain Drill Rig and initiated procurement process. A Request for Proposal (RFP) will be issued on March 3, 1992.

Task: USGS Hydrological Research Facility (HRF) Holes (Job Pkg 91-6)

All work in support of HRF holes has been completed. Instrumenting and stemming of UZP-3a was accomplished by USGS and RSN personnel.

Task: Neutron Access Holes (Job Package 91-9)

Completed UZ-N11 at a total depth of 84.41 feet. Operations on UZ-N11 were discontinued for eight days during this period due to foul weather. The CME-550 drill rig is presently operating on UZ-N36. Drilling/coring began on February 28, 1992.

Task: JF-3 Water Monitoring Well (Job Package 92-1)

Stemmed and plugged back well from 1298 feet to 1138 feet. An electric submersible pump is installed in preparation for a 36-hour pump test, scheduled to begin in early March. The removal of the test pump and the installation of two monitoring strings are tentatively scheduled to begin in mid-March.

Task: Reclamation Trial Sites

Two Area 25 trial sites were completed in January; remaining sites are scheduled to begin in March.

Task: Soil & Rock Properties (Job Package 92-2)

Reviewed job package in preparation for NRG-1 site preparation.

Task: UZ-16 Site Preparation (Job Package 92-3)

Mobilized and initiated topsoil stripping activities.

Task: UZ-16 Drilling (Job Package 92-4)

Completed notice to begin.

Task: Midway Valley Trenching (Job Package 92-5)

Completed notice to begin.

EXPLORATORY STUDIES (1.2.6)

WBS 1.2.6.1

Task: Exploratory Studies Facility (ESF)

Continued to provide constructability support to activities to begin Tunnel Boring Machine operations and ESF Title II design. A finalized RFP, 1-DH-92 (Technical Support and Underground Excavation for the Exploratory Studies Facility for the Yucca Mountain Site Characterization Project) is to be forwarded to DOE/NV on March 5, 1992 for their review and approval. DOE/NV will forward the RFP to DOE/HQ in Washington for authorization to release to prospective vendors.

Prepared draft Requests for Matrix Support Services as required for upcoming site investigations job packages.

FIELD OPERATIONS (1.2.7.4)

Task: Administrative & Maintenance Support

Continued support to W. A. Wilson, Yucca Mountain Site Manager to include: process purchase requisitions for Field Operations Center (FOC) Site Office requirements; provide support services to participants and maintenance to YMP utilized facilities, equipment, and roads in Area 25; provide logistical and support services to management contractor; coordinated additional warranty repairs to the FOC, Building 4015 membrane roof.

Provided support for the Yucca Mountain Site Office open house and public tours. A total of 12 tours were held during this period with 195 people attending. Support included but was not limited to: arrangements for buses, registration of guests, coordination of lunches/beverages, medical service, furniture, mechanical service, and grading of access road. Continued preparations for upcoming tours.

Task: Reactivate Well VH-1

Continued use and maintenance of Well VH-1. During February, 152,500 gallons of water were pumped and 202,500 gallons were used for dust control and road maintenance.

Task: Class III Sanitary Landfill

Continued preparation of Title II design.

PROJECT MANAGEMENT (1.2.9)

WBS 1.2.9.1

Task: Management and Administrative Support

Continued coordination and staffing of YMP displays at meetings, exhibits, and conferences; staffed and supported the Public Reading Room of the Research and Study Center.

Continued participation in the review of the plan for Las Vegas Local Records Center consolidation.

Completed review of draft project-wide Programmatic Review Statusing System User Guide.

Task: Site Characterization Plan Distribution

Transferred 200 copies of the Fourth Progress Report to the Technical Information Section for use at upcoming conferences.

Task: Hazardous Materials Coordination

Continued writing preliminary draft of the Materials Reporting and Handling Plan, Revision 3; completed surveying old drill sites for cleanup; and completed developing new maps for proposed locations of Satellite Accumulation Areas.

Task: Long Range Planning (LRP)

Continued support of LRP, Planning and Control System (PACS), and Performance Measurement Baseline activities to include: completed input for Fiscal Year (FY) 1992 versus FY1992 planning budget comparison; completed revisions to PACS for WBS 1.2.7 to reflect current FY1992 budget and embellished scopes of work; completed RFP and Construction schedules; completed and submitted actual cost information for February; completed cost estimates as requested for NRG-1 drill hole and coring/drilling, electrical work for installation of National Seismic Station on Shoshone Mountain, Midway Valley FY1992 field activities.

WBS 1.2.9.3

Task: Quality Assurance (QA)

Continued review, comment, and approval of various REECO implementing procedures, standard operating procedures, quality procedures (QPs), and purchase requisitions.

Continued work revising existing QPs and replacing documents with management control (MC) procedures. Issued documents to Controlled Document Center for distribution.

Supported DOE Auditors in Audit No. YMP-92-10.

Conducted internal audits REECo-001-92 (Drilling Department) and REECo-002-92 (Construction Department) with no findings identified.

Conducted the following surveillances: SR-001-92, Controlled Document Center; SR-002-92, Quality Services Calibration Lab; SR-003-92, YMP Logistical Support Department; and SR-004-92, QA Office.

General

REECo has no reportable Level I or Level II milestone activities at this time.

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

WBS 1.2.9
QA N/A

March 2, 1992

TWS-EES-13-02-92-029

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

*Chubbotte
(no copy
Rpt here in
Las Vegas)*

Dear Mr. Gertz:

SUBJECT: LOS ALAMOS MONTHLY ACTIVITY REPORT—JANUARY 1992

Attached is the Los Alamos Monthly Activity Report for January 1992. This internal document describes our technical work in detail; however, the report has not received formal technical or policy review by Los Alamos or the Yucca Mountain Site Characterization Project. Data presented in this document represent work progress, are not referenceable, and are not intended for release from the US Department of Energy. If you have changes to our distribution list, please call Susan Klein at FTS 843-0916.

Sincerely,



Julie A. Canepa

JAC/SHK/eyr
Attachment: a/s

Cy w/att.:

M. B. Blanchard, YMPO, Las Vegas, NV
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M. Brodeur, SAIC, Las Vegas, NV
R. L. Bullock, RSN, Las Vegas, NV
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RPC File (2), MS M321
TWS-EES-13 File, MS J521

Cy w/o att.:

Susan Klein, IS-11, MS M704
CRM-4, MS A150