

J. M. Roberson
October 5, 1994
94-RF-09744
Page 2

Decontamination Facility for cleaning before being moved off site for repairs. The subcontractor had been previously trained on decontamination pad procedures, but neglected to wipe the hydraulic oil from the drill rig prior to driving onto the pad. The drill rig fouled the decontamination pad with oil and additional rags were required to clean the area. Six broken bolts on the drill rig flywheel were repaired off site and the rig was brought back on site Friday, August 5, 1994 to continue operations. The area was cleaned and the grass, soil, and rags were drummed. The Water Development Company subcontractor personnel were retrained in decontamination pad procedures. The 903A Main Decontamination Facility required additional cleanings. Subcontractor personnel from the 903A Decontamination Facility have revised the instructions and training for use of the pad. All equipment ready for decontamination will be inspected personally by 903A personnel prior to entry. This sonic drilling rig contains 100% more hydraulic lines than a normal drilling rig. Therefore, the chances of a hydraulic leak in this rig are increased 100%. The quantity of rags used to wipe down the equipment for a visual check of the lines is a trade-off in that this type rig eliminates drill cuttings by 75%.

EG&G Rocky Flats, Inc requested this type "sonic" drilling rig for the work at OU 11 as a test for upcoming sonic drilling work in OU 4. It is suggested that the OU 4 drilling will need closer scrutiny due to the higher possibility of spills from hydraulic leaks plus the greater contamination concentration. The site was "fiddled" for radionuclides prior to drilling operations. One .5 ml bag of grass/soil and one 5 ml bag of rags received by the Environmental Operations Yard Resource Conservation and Recovery Act (RCRA) Custodian, was placed in 90-Day Storage Area #1890 until sampled and analyzed for RCRA constituents. Environmental & Waste Management (E&WM) sampled the hydraulic reservoir in rig. Sampling of soil, rags, and reservoir is necessary for all spills that are inside an IHSS for waste characterization and designated drum storage purposes. If samples are determined not to contain hazardous waste, the soil, rags, and reservoir sample will be drummed. If hazardous, the samples will be placed in permitted storage. The oil filter will be checked routinely for leaks, cracks, pressure buildup, etc as a preventive maintenance. Additional plastic will be spread in a larger area to protect ground surface from any oil spills. Sample analysis results documentation for Internal Occurrence Report.

- On August 31, 1994 at 1430 hours, a propane pipe ruptured north of the T891Q shower trailer located in the Environmental Operations Yard. While digging a water line trench a subcontractor, using a front end loader, ruptured a propane line which caused a leak in the line at the vaporizer. EG&G Utilities responded to the scene. Environmental Restoration Program Division (ERPD) prepared a Lock Out/Tag Out Work Control Package in order for the subcontractor to repaired the line. Services were restored to the shower trailer within two hours at approximately 1630 hours.

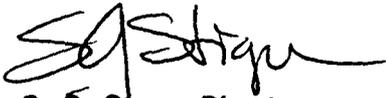
2/4

J M Roberson
October 5, 1994
94-RF-09744
Page 3

- On September 8, 1994 at 1030 hours, a water line was being trenched around Trailer 891H using a backhoe. The backhoe scraped four inches deep across the topsoil and pulled up an electrical conduit. The conduit was pulled apart, but no conductors were faulted and no breakers were tripped. ERPD prepared a Lock Out/Tag Out to turn off the disconnect that feeds the trailer and the breaker that feeds the disconnect panel. The T891H trailer was without power until September 13 at 1100 hours when the conduit was repaired and power restored. Trailer 891H is used for drum storage record keeping and the computers are protected by an Uninterrupted Power Supply unit. No computer activity was being conducted during the period of the outage. No as-built drawings exist of the contractor yard. Repairs were made to the conduit and power restored to T891H. EG&G Construction Management added two spotters as a conservative approach to further construction. (Internal Report #1326)
- On September 12, 1994 at 1000 hours, while digging a water line in the Environmental Operations Yard North of the 891A Trailer, a backhoe hit a buried energized electric cable. The electrical feeder line was connected to an air monitoring station no longer in use. When the backhoe pulled up the line, the buried conduit was damaged/bent which tripped the circuit breaker. Environmental Operations Management prepared a Lock Out/Tag Out and Environmental Operations Management Maintenance Electrician put the breaker in a safe configuration until a new breaker box is delivered. There were no injuries. September 12, 1994 at 1345 hours, Construction Management walked the area and released the project to start up. (Internal Report #1319)
- On September 16, 1994 at 1105 hours, a student employee brought a camera without film on the site. Upon realizing he should not have a camera, he reported the situation to Operations Management. Security personnel were then notified and the camera was taken to the outer gate where it was later reclaimed. (Internal Report #1349)
- On Saturday, September 17, 1994 at 0125 hours, Wackenhut Services, Inc (WSI) issued a Non-Compliance Report (CR94-1665) to EOM for leaving the ignition keys in a vehicle inside the Field Operations Yard. The Field Operations Manager was unable to locate the keys on Monday morning causing a negative impact of four hours lost worktime. The vehicle in question was subcontractor owned and operated and is not under the jurisdiction of WSI. The subcontractor vehicle contained supplies and equipment for work on the waterline construction in the Field Operations Yard. (Internal Report #1359)

J M Roberson
October 5, 1994
94-RF-09744
Page 4

Please direct questions to Dee Lundberg, ERPD Occurrence Report Coordinator, at extension 8587



S G Singer, Director
Environmental Restoration Program Division
EG&G Rocky Flats, Inc

DAL bjw

Orig and 1 cc - J M Roberson

cc

M N Silverman - DOE, RFFO

B I Williamson - " "

4/10