

CGR Project Line Item Construction Project Highlights for the Week Ending January 24, 2003



The Austin Company Rendering



Aerial View of EOC Construction
Taken At 2nd Floor Concrete Completion



Installation of Christie Wall Frame in
Primary EOC
1/23/03



Window Installations
1/23/03



Installation Water Tower
1/23/03

Replacement Emergency Operations Center (EOC):

Work Performed This Period (January 21 through January 24, 2003)

- Complete sewer to building & tank tie-in
- Continue roofing installation
- Continue metal studs, vapor barrier @ 1st & 2nd floor
- Continue MEP & FP installation 1st & 2nd floor
- Continue water tower erection
- Complete structural steel frame for structural glass wall
- Complete canopy roof framing & lightweight concrete
- Continue window frame installation
- Received hardware for temporary doors to close in building
- Continue water, sewer & gas to POC in corridor
- Initiate pipe insulation
- No new developments with respect to the Design Basis Threat.
- No further progress on the Grant between Los Alamos County (LAC) and DOE.

Work Planned Next Period

- Continue roofing installation
- Initiate metal stud frame for structural glass wall
- Continue MEP & FP @ 1st & 2nd floor
- Continue metal studs & vapor barrier @ 2nd floor
- Continue window installation including bulletproof glass
- Initiate insulation and drywall @ 1st floor
- Continue water, sewer & gas to POC in corridor
- Continue water tower erection
- Complete structural steel frame for video wall
- Install antenna railing on roof & elevator pit ladder
- Continue pipe insulation

For Questions or Comments: Contact Keith R. Orr 505-665-1734, keithorr@lanl.gov

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Capability to test the compatibility of devices w/panels



Cerro Grande Fire
May 15 6:00 PM



Facility Systems Laboratory at LANL

Partial Site Wide Fire Alarm Replacement Project:

Work Performed This Period (January 21 through January 24, 2003)

- Completed CD-2/3 document preparation and submitted to DOE and CGR Program Office on 1/21/03
- Produced Executive Summary Report and PM Monthly Report and presented at PM Monthly Meeting
- Finalized LCCA and included information in CD-2/3 documentation
- Completed Cost Estimate book and included in CD-2/3 submittal
- Obtaining final document signatures from CGR for CD-2/3 submittal
- Initiated a work order for the DBC to perform additional field surveys in order to finalize all 60% designs
- Continued work on IFANS procedures
- Started efforts to archive all project documentation in response to DOE direction to de-obligate funding
- Started efforts to develop alternate solutions for getting the FAS off BRASS

Work Planned Next Period

- Continue work on IFANS procedures
- Obtain final Title I hard copy and electronic drawing packages from DBC
- Continue efforts to archive all project documentation in response to DOE direction to de-obligate funding
- Obtain DBC Design Work Product for 60% design (surveys, specs, etc...)

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Installing Ethernet System at TA-50-01



Testing of Continuous Air Monitor Remote Monitoring System

Waste Management Risk Mitigation Project:

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- Received formal notification of DOE direction to de-obligate project funding
- Awaiting DOE final review of PDSA/Safety Evaluation Report (SER)
- Awaiting CD-2/3 from DOE
- Awaiting DOE determination re: membrane subproject scope appropriateness as LIP capital expenditure
- Continued ethernet installation for CAMS (ventilation subproject)
- Monitored installation of netcam/CAM demonstration unit
- Completed radiological work permits
- Continued preparation of ATPs for ventilation subproject
- Continued closure of Title I task orders
- Continued preparation of 100% ventilation subproject controls design
- Began procurement of fire alarm contractor for fire alarm system installation
- Began procurement of equipment/materials for ventilation controls
- Continued BUS-5 review of recommended DB Contractor (complete pending receipt of CD-2/3 from DOE)

Work Planned Next Period

- Await DOE final review of PDSA/Safety Evaluation Report (SER)
- Await CD-2/3 from DOE
- Await DOE determination re: membrane subproject scope appropriateness as LIP capital expenditure
- Continue ethernet installation for CAMS (ventilation subproject)
- Complete radiological work permits and 100% ventilation subproject controls design and issue
- Continue preparation of ATPs for ventilation subproject
- Continue procurement of T&B subcontractor for ventilation subproject
- Continue closure of Title I task orders
- Prepare safety documentation for 100% ventilation controls design
- Continue procurement of fire alarm contractor for fire alarm system installation
- Continue procurement of equipment/materials for ventilation controls
- Continue BUS-5 review of recommended DB Contractor (complete pending receipt of CD-2/3 from DOE)
- Continued processing of temporary construction trailer utility work orders

Issues of Concern:

- CD-2/3 Delay. DOE delay of ESAAB and CD-2/3 authorization has delayed the project. CD-2/3 and DB Contract Award was planned by 11/12/02. A day-for-day delay in completing the overall project is anticipated with continued delay of CD-2/3.

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Typical State of NM Fixed Camera



Typical Portable Monitoring Robot

Multi Channel Communications Project:

Work Performed This Period (January 21 through January 24, 2003)

- Submitted statement of work to HNR for electronic sign mounting design effort
- Delivered VBrick broadband interface equipment to Albuquerque TV stations.
- Continued investigating getting an assigned radio frequency for Emergency Alert system to allow radio access for transmission/receiving
- Trunked radio system continues to be on hold due to lack of access to Pajarito Mt. because of snow
- Continued data mirror programming - floor plan, geospatial data, drawing database, data currency, textual database
- Working to develop encryption program to allow access to multiple platforms
- Developing way to access as-built drawings and download into MaxResponder automatically
- Discussed MaxResponder software customization with manufacturer
- Providing enhanced automatic configuration management
- Continued making arrangements to transport aircraft video surveillance micro wave/directional antennas to top of RAAC facility
- Installed aircraft surveillance video microwave dish on top of RAAC tower.
- Started aircraft surveillance tracking antenna mount installation on top of RAAC tower
- One camera unit shipped to allow Pueblo Electric to perform mockup to prepare AHA
- Ordered 8 rad sensor wireless transmitters
- Robot complete except for frequency installation (frequency assignment due by mid-February)
- Sent all chemical sensors back to manufacturer to correct serial number mix-up and repair one defective unit

Work Planned Next Period

- Submit NMSHTD excavation permitting process (ongoing effort)
- Continue to install electrical for electronic signs - scheduled for week of 1/27/03 start
- Continue data mirror programming and file transfers
- Follow-up on status of robot operational radio frequency assignment
- Prepare Purchase Order for mobile trunked radio trailer
- Ship video surveillance camera equipment for installation (6 of 7 camera units) - waiting for UPS units
- Test multiple platform encryption program
- Start data mirror documentation preparation

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