CGR Project Line Item Construction Project Highlights for the Week Ending April 12, 2002

Welcome to the 50th anniversary edition of the Cerro Grande Rehabilitation Project’s Line Item Construction Project Weekly Update. For the past 50 weeks the CGR Construction Projects Manager has made an effort to keep all stakeholders informed of the week-to-week progress for each of the nearly $100M in Line Item construction projects. The hard work, determination and diligence of the project teams are, at times more obvious than at others, but the facts and figures speak for themselves. As of the last reporting period, the cumulative Cost Variance is is 7.19% under budget and the Schedule Variance is 7.62% ahead of schedule for the CGR LIP’s. The suite of projects that make up the CGR Projects cuts across almost every Division within Los Alamos National Laboratory. This conglomeration of projects is proof that all of LANL can work together in concert with our counterparts at OLASO and HQ toward a common goal.

For the first time the project teams are introduced in the following update. It is important to note that the list of names presented below is nowhere near a complete list, but rather a brief introduction to the key members of the LANL teams that have worked so hard to make this effort a success. There are entirely too many folks involved to name them all. The support we have received from Laboratory management has been unparalleled in my 17 years in Los Alamos. We would like to extend a special thanks to our counterparts at OLASO, including but not limited to Herman LeDoux, Everett Trollinger and Jose Cedillos to name just a few. Without the help and support of Mr. LeDoux and his excellent staff, the progress to date on not only the Line Item Construction Projects, but the remainder of the Cerro Grande projects would be no where close to what it is today. I believe everyone would agree that the real grease that keeps the wheels turning is the Cerro Grande Rehabilitation Project is the Program Sponsor - Mr. Dennis Miotla. I simply can’t say enough about Dennis’ contribution to the project. Again, there are entirely too many players to mention them all.

For Questions or Comments: Contact Keith R. Orr 505-665-1734, keithorr@lanl.gov
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Replacement Emergency Operations Center (EOC):

Keith R. Orr  
CGR Construction Projects Manager  
EOC Project Team Leader

George A. Vantiem  
Emergency Management & Response Group Leader  
EOC Technical Project Leader

Angela A. Thomas  
EOC Support Services Project Leader

Jeffrey J. Schroeder  
EOC Engineer/Procure/Construct Project Leader

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Replacement Emergency Operations Center (EOC):

Work Performed This Period (April 8 through April 12, 2002)
- Complete installation of under-slab piping
- Initiate installation of 13.2 KV underground electrical
- Initiate installation of underground telecommunications
- Completed installation of guard rail, tacking bad and deceleration lane base course @ North entrance
- No new developments with respect to the draft guidance document regarding changes to the Design Basis Threat. Any future input that could be provided from Head Quarters would be greatly appreciated.
- Met with OLASO Senior Management to discuss the current state of the MOU. The idea of a “grant” arrangement was discussed
- Integrated project team currently reviewing the 90% Design Submittal.

Work Planned Next Period
- Install seeding blankets on south slopes (contingent on approval of seed mix)
- Test and backfill Under-Slab piping (with the exception of the 6” fire protection riser)
- Complete installation of 13.2 KV underground electrical
- Concrete crew to mobilize on site
- Continue to investigate DOE/LAC grant arrangement
- Continue the review of the 90% Final Design Submittal. Current Schedule as follows:
  - Comments due from LANL SME’s 4/15/02
  - Comment incorporation due by The Austin Company by 5/3/02
  - Round Table Comment Disposition on 5/6/02
  - Issue final package 6/3/02

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Office Building Replacement for Vulnerable Facilities:

November 2001 Ground Breaking
James R. Jones (w/shovel) CGR Project Manager
Office Building Replacement Project Team Leader

Office Building Replacement Team
April 12, 2002

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Office Building Replacement for Vulnerable Facilities:

Work Performed This Period (April 8 through April 12, 2002)

- ESA-Division Site
  - Completed concrete placement in exterior building footings
  - Placed concrete in interior building footings
  - Mobilized masonry subcontractor
  - Start excavation for elevator pit slab
  - Placed concrete for exterior grade beams
  - Began masonry stem wall construction below grade slab
- C-Division Site
  - Continued underground utility trench excavation
  - Completed elevator pit walls
  - Continued masonry stem wall construction under grade slab
  - Continued concrete for interior columns
  - Installed sanitary sewer piping and communications conduit

Work Planned Next Period

- ESA-Division Site
  - Complete concrete footings and grade beams.
  - Place concrete for elevator pit and walls.
  - Begin trenching for underground electrical and plumbing installation
  - Complete masonry stem walls below grade slab
  - Begin sand and vapor barrier for grade slab
- C-Division Site
  - Complete placing interior pier and patio wall footing concrete.
  - Install grade slab utilities.
  - Complete masonry stem wall installation to grade
  - Place sand and vapor barrier for slab on grade.
  - Begin reinforcing steel installation for slab on grade
Partial Site Wide Fire Alarm Replacement Project:

Back Row Left to Right
Walter Martinez (Technical Project Leader), C. Wade Crueton (Project Team Leader),
B. Lee Lucero (Engineer/Procure/Construct Project Leader)
Partial Site Wide Fire Alarm Replacement Project:

Work Performed This Period (April 8 through April 12, 2002)
- Started site wide integration function using the Design Build Contractor (DBC)
- Prepared documentation in support of Head End procurement via the DBC
- Produced the 1st of the scope breakdown by design package documents
- Submitted Request for AE Services to PM-DO to obtain SME Support to FWO-FIRE
- Disseminated Work Authorizations to project team members
- Supplied Dosimetry and FOCI information to the DBC
- Supplied available existing facility floor plans to the DBC
- Submitted response to LIR Compliance Assessment
- Continued efforts to locate the DBC’s office trailer

Work Planned Next Period
- Initiate Design Summary to initiate project work under TA-55's procedure governing design changes
- Publish minutes of the Design Build Contract "Kick Off " meeting
- Obtain from the DBC a typical procurement package for LANL review
- Determine accessibility in the new FACP located in secure space in TA-55 Building PF-142
- Review project specific safety plan and QAPP produced by the DBC
- Continue to collect site specific information into the work control book
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Waste Management Risk Mitigation Project:
Project Team Leader: Dennis McLain
Technical Project Leader: Rick Alexander
Engineer/Procure/Construct Project Leader: Paula Diepolder

Work Performed This Period (April 8 through April 12, 2002)
- Continued Title I design
- Continue Hazard Analysis and PDSA development
- Continue FHA preparation
- Completed TA-50 Membrane Process Unit Subproject Design Meeting
- Conducted Ventilation Subproject Cost Estimate Review Meeting
- Continued Pilot Test efforts
- Continued draft schedule/acquisition approach and discussed with CGR Construction Projects Manager and OLASO Federal Project Manager to utilize a Design-Build approach.
- Received and provided initial screening of Risk Management Plan for TA-50 Ventilation Subproject

Work Planned Next Period
- Continue Title I design
- Continue Hazard Analysis and PDSA development
- Incorporate Ventilation Design review comments
- Conduct Ventilation Cost Estimate Review and Assoc. Meeting
- Further develop/discuss revised schedule/acquisition approach with CGR Project Office and OLASO
- Finalize Pilot Test Plan
- Submit FHA for LANL review
- Incorporate Membrane Subproject design review comments
- Finalize draft schedule/procurement approach for design-build approach

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Los Alamos - Cerro Grande Evacuation

Multi Channel Communications Project:

Keith R. Orr
CGR Construction Projects Manager
MCC Project Team Leader

F. Lyle Kerstiens
Integrated Information Management
Deputy Group Leader
MCC Technical Project Leader

Mark B. Gamble
MCC Engineer/Procure/Construct
Project Leader

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Multi Channel Communications Project:

Work Performed This Period (April 8 through April 12, 2002)

- Continued CD-2/3 package assembly by HN/R
- Max Responder demo given to LANL FWO Division Group Leaders
- The project team, the A/E and the Federal Project Manager’s representative performed a “slow burn” of the CD-2/3 packages, wherein every page of the document was reviewed and comments were recorded.

Work Planned Next Period

- Incorporate all comments from the “slow burn” and reproduce CD-2/3 Submittal packages
- Continue equipment receipt on trunked radio system, multi-band radio system, and mobile communications van system
- Final check of the CD-2/3 Submittal package will be completed in preparation for presentation to OLASO on April 22, 2002.