

MOX Update



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MOX SAFETY FUELS THE FUTURE

MOX Safety Performance

- Safety performance remains excellent
 - Over 15.2 million hours worked since start of construction
 - Currently have worked >6 million hours without a lost time accident
 - Total Recordable Case Rate - 0.57
 - Total Lost Work Day Case Rate - 0.00
- Over 50 active environmental permits being managed with no violations to date

MOX SAFETY FUELS THE FUTURE

FY2011 Accomplishments

- BMF structure is 76% complete
 - First process building roof placement
 - 67 tanks have been installed
 - Concrete coatings 36% complete
- Began construction of gabion wall – 37% complete
- Permanent underground utility installation – 72% complete

FY2011 Accomplishments

- Continued construction of Technical Support Building (ahead of schedule)
- Completed in advance testing of 5 process units
- Received 22 process units from vendors
- Completed sintering furnace design
- Awarded all sintering furnace contracts

Performance Oversight

- Multiple layers of MOX Services oversight
 - Quality Assurance/Quality Control
 - >380 internal audits/surveillances
 - Design, construction, fabrication, integration, and procurement activities
 - Compliance with codes & standards and QA requirements
 - >540 vendor audits/surveillances/evaluations/shop inspections
 - Audits of new vendors
 - Maintenance of approved vendors
 - Surveillances of ongoing vendor QA program activities
 - Inspection of in-progress and completed items for compliance with specifications

Performance Oversight

- Multiple layers of MOX Services oversight (con't)
 - Construction engineering
 - Provides engineering oversight of onsite construction activities
 - Subcontract Technical Representatives
 - Provide technical oversight for vendor contracts
 - Compliance with specification requirements
 - Department of Energy
 - Onsite oversight
 - External team assessments

August 2007



Start of Construction



Current Construction

Technical Support Building



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MFFF Overheads



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Rebar Installation



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Glove Box Assembly and Test



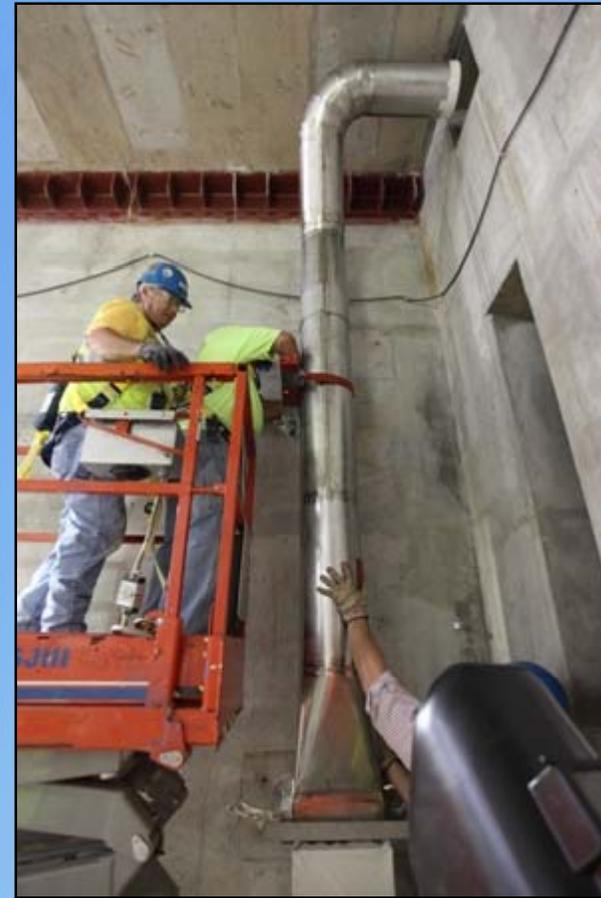
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Process Piping Welding



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First HVAC Components Installation



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Tanks in MFFF



Electrical Installation



Electrical Installation



MOX SAFETY FUELS THE FUTURE

Ahead in 2012

- Complete Technical Support Building
- Start construction of BEG (Diesel Generator Building)
- Start construction of UEF (Emergency Fuel Storage Vault)
- Vendor testing of emergency diesel generators
- Receipt of first Safety Programmable Logic Controller
- Continue installation
 - o HVAC
 - o Process piping
 - o Supports
- Start installation
 - o Fire dampers
 - o Tornado dampers

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