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Los Alamos
NATIONAL LABORATORY
EST. 1943

Fissile Material Disposition Program

MOX Irradiation, Feedstock, and Transportation

Oxide Production Program
Quarterly Report – 1QFY14

Oxide Production Integrated Program Team

Mark Dinehart, Program Director

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Reviewed for Classification			
Evelyn Kelley	154156	1/10/14	Unclassified
(Reviewed By)	(Z#)	(Review Date)	(Classification)

TABLE OF CONTENTS

TABLE OF TABLES

APPENDIX

EXECUTIVE SUMMARY

Fissile Material Disposition Program
1st Quarter 2014 (October – December)

A summary of the accomplishments, milestones, financial summary, project performance and issues facing the Oxide Production Program is presented in this Executive Summary.

Resumption Status

PF-4 remains on a Laboratory Director-mandated operational pause (ref. DIR-13-161; McMillan to LANL-All).

As of the end of December, for all programmatic operations within the facility, 124 procedures are out for review, 58 of those solely await the criticality safety review. A total of 75 procedures are complete, 26% of the total. There are approximately 300 Criticality Safety Limit Assessment (CSLA) documents in revision/review with 15 resumed to perform programmatic operations. A working resumption schedule is being developed and validated in the War Room. Documents required for resumption which make up the resumption book include the applicable operating procedure (verified by walk-down), the CSLA, the Criticality Safety Evaluation document and the resumption traveler.

The oxide production procedures remain in PS8 (the resumption category showing all other reviews have been completed, comments resolved, and documents have been updated), pending criticality review. Members of the team continue to build the necessary resumption books for the process in order to get the operations and the documentation before the director for approval.

Work Accomplishments

December 2013

Thermogravimetric analysis (TGA) for Blend Lot #s 53 & 54 was completed. All TGA is now current.

The final Oxide Production Program FY14 Program Management Plan was submitted to NA-00-LA for review and signature.

PNNL completed the initial review of the Lathe Criticality Safety Analysis (CSE) and transmitted the results of the review to LANL. The team also completed and transmitted an analysis of the amount of water that could be safely allowed in the DMO furnace for the DMO-3 glovebox. A document is in preparation and will be transmitted to LANL before the end of January. The recommended criticality limits and controls for the DMO-2 furnace were developed and documented and the initial review of the packaging/canning CSE will begin the week of January 20.

A second visit from B6 Sigma Inc. personnel was completed in December. The B6 Sigma representative updated the lathe controller drawing package based on LANL comments generated during the 90% review. The lathe controller drawing package was verified during the second visit and issued as 100% final. The B6 Sigma representative also met with the Indramat subcontractor representative onsite to initiate the work of establishing the communication between the Indramat drives, spindles and the controller

An engineering contract was awarded to Merrick and Company to develop the Engineering Design File Report on the MD-2 Shipping/Receiving – Preliminary Design project. The project completed all preliminary documents, held a kick-off meeting and walk-down with staff from Merrick.

All documentation is complete to install the new can opener for the packaging line. The installation is scheduled to begin January 8, 2014. Preliminary engineering documents were completed and approved for the inner and outer can welders.

The 60% design review was completed for the ARIES Pit Cutter project.

Construction on the NDA Cage has been suspended due to material locked on the NDA table which cannot be moved without an approved IWD.

Requirements and engineering documents were completed for the muffle furnace hygrometer.

November 2013

The LANL Program Director traveled to Washington DC to present the FY13 Oxide Production Program's Year-End Financial Summary to the NA-26 Program sponsor. Laboratory representatives across the country participated. Members of the LANL team and NA-00-LA attended via VTC.

Approximately 90% of the FY14 work packages have been finalized. Each work package includes scope, milestones, resources, schedule basis of estimate and assumptions.

Thermogravimetric analysis (TGA) for Blend Lot #s 51 & 52 was completed.

The subcontractor from B6 Sigma Inc. was on site for 2 weeks in November working on the upgrade to the robotic lathe controller. During those 2 weeks work included connecting and testing the wiring from the control panel to some of the smaller Servo motors.

The team from PNNL completed the initial deliverables for work in support of the review of Oxide Production Program Criticality Safety Evaluation Documents (CSED). The initial reviews of the DMO-2 and DMO-3 CSEDs have been completed and transmitted to LANL.

The Program received the final report from the J-E-T-S 10 day audit of the ARIES Oxide Production QA Program. Results show that of the 18 criteria associated with the basic requirements of NQA-1, the Program improved in eleven areas, remained the same in five and showed decline in two.

Work continues to progress on the design of the control system for the Muffle Furnace. MET-1 and NCO-4 are working to develop a single integrated ARIES procedure. AET-5 kicked off the conceptual design process for the fabrication of the insulation barrier.

Two packaging team members made another trip to AMET in Rexburg, ID to fulfill the requirements of the subcontract by doing the product inspection and subcontractor training prior to product delivery at LANL. The inner can welder is expected to arrive at LANL before the end of the calendar year. The outer can welder was delivered on November 18th.

NPI-8, the ADPSM Equipment Installation Group began the necessary documentation to move forward on the installation of the can opener. The design change form was completed as was the Integrated Work document (IWD). The construction kick-off meeting occurred on November 4th.

An IWD was drafted in preparation for the construction of the NDA cage. Operations and security requirements were identified. The cage design was completed by the LANL design engineering group and it was approved for construction. The team held the construction kick-off meeting.

The ARIES Pit Cutter team completed the Requirements & Criteria Document and the Technical Safety Requirements document to 95%, approvals are pending but expected before months end. The team also identified and secured a location for the glovebox to contain the cutter.

Work began to develop the nonconformance reporting (NCR) paperwork for Blend Lot 38M. The team got approximately half way through the necessary paperwork prior to issuing the NCR.

The MD-2 Shipping/Receiving - Preliminary Design Statement of Need was completed, submitted and approved by the Integrated Program Management (IPM), Program Management Working Board.

October 2013

On October 25, 2013 the Oxide Production Program finalized the baseline schedule for FY14 work. Work packages are in the final stages of completion and include scope, milestones, resources, schedule basis of estimate and assumptions.

The FY14 Program Management Plan is currently out for review by the signatories. Comments and suggestions from reviewers have been incorporated.

On October 28, 2013 a contract was awarded to B6 Sigma Inc. to assist in the completion of the robotic lathe equipment upgrade.

DMO-2 & DMO-3 will be the starting point of an independent CSED review with support from PNNL personnel. A small team from PNNL was onsite to provide added criticality resource to the Program and work on criticality documentation necessary for the resumption package approvals prior to resuming operations in PF-4.

A TGA replacement chiller was introduced into a glovebox without incident. This accomplishment gets the Program closer to the TGA analysis and certification of Blend Lot #s 51-52. Blend Lot #s 51-52 are on track for preparing samples and shipping to SRS on January 30, 2014.

J-E-T-S completed a 10 day audit of the ARIES Oxide Production QA Program. The auditors noted that the QA program shows improvement in many areas since the last audit in 2011. Their final report is expected to be issued by the end of November.

The muffle furnace tantalum catch pan has been designed and the team is preparing to procure the tantalum. Work is progressing on the design of the control system. The existing operating procedure has been updated.

Members of the packaging team traveled to AMET in Rexburg, ID to fulfill the requirements of the subcontract by doing the product inspection and subcontractor training prior to product delivery at LANL. The Outer Can Welder is expected to arrive at LANL within the next week or two.

Cold testing was completed on the 8th of the month on the packaging line's new Can Opener. Preparations for installation are moving forward, the IWD is in process and the post modification test has been drafted.

Procurement has been started for constructing the NDA cage. All materials should be onsite by early December. Construction is scheduled to begin in January and wrap-up in March.

Design work is underway for the ARIES Pit Cutter (simple pit disassembly). The team is working on the requirements documentation and Technical Safety Requirements.

An Engineering Service Request was prepared and submitted for the MD-2 Shipping/Receiving - Preliminary Design. The team completed the Statement of Need and developed a risk ranking document.

EXECUTIVE SUMMARY

DATA DATE: December 15, 2013

LANL PROJECT TITLE: FY14 Oxide Production | AUTHORIZATION NUMBER: | PROJECT TYPE: Expense

AUTH. LANL PROJECT ID: | DOE DIRECTIVE NUMBER: | PROJECT STAGE: FY Execution

PROJECT DESCRIPTION

Los Alamos National Laboratory has the mission to produce 150 kg of Pu as Certified Oxide for use by MOX services as part of the 2MT campaign.
This is currently achieved using direct metal oxide (DMO) furnaces. For FY14 additional production goals include; completing the upgrade to the robotic lathe disassembly system, completing a design and cold test for a new simple pit disassembly unit to reduce dependency on the robotic lathe, resolving DMO-3 criticality issues and completing the installation of the packaging line inner can welder.

PERFORMANCE

	Current Period ($1,000)	Cum. To Date ($1,000)
BCWS	3,451	9,091
BCWP	2,284	7,184
ACWP	2,661	6,544
S.V.	-1,168	-1,907
C.V.	-377	640

VARIANCE CALCULATIONS

Indices

S.P.I.	0.79
C.P.I.	1.10
S.V. %	-21.0
C.V. %	8.9

Red / Green

Key

S.P.I., C.P.I. >= 0.90	Green
0.80 <= S.P.I., C.P.I. < 0.90	Yellow
S.P.I., C.P.I. < 0.80	Red

VARIANCE ANALYSIS

The program is behind schedule and underrun. The schedule is behind primarily due to delays in Resumption, Conveyor Control System Refurbishment and Lathe Controller Upgrade Installation activities.

The underrun is primarily due to Spare Parts not being ordered as planned, Alternative Studies not being staffed as planned, and level-of-effort activities for the Lathe Controller Upgrade Installation not using planned resources due to a late start.

CORRECTIVE ACTION

The schedule delays will not impact completion of the projects associated with the delayed activities. The underrun should be recovered when operations are resumed and the projects recover from their schedule delays.

TPC FINANCIAL SUMMARY ($1,000)

	Prior FY	FY '14	FY '15	FY '16	FY '17	Future	Total	%
Funding (BA)	0	50,349	0	0	0	0	50,349	100
BCWS	0	43,498	0	0	0	0	43,498	21
BCWP	0	7,184	0	0	0	0	7,184	17
ACWP	0	6,544	0	0	0	0	6,544	15
Total Obligations	0	7,380	0	0	0	0	7,380	17

	BAC	CNTGY	TPC	EAC
OPC (Expense)	43,498	6,850	50,349	43,498
TEC (Capital)	0	0	0	0
	43,498	6,850	50,349	43,498

LANL KEY PERSONNEL

Program Director: Mark Dinehart
Project Controls: David Hampton, May Benavidez
Technical Project Manager: Steve McKee
Program Management: Evelyn Kelley

DOE KEY PERSONNEL

Federal Program Manager, Office Of Fissile Materials Disposition (NA-26): Margaret Schwenker
Los Alamos Field Office, Assistant Manager for National Security Missions, George Rael
Los Alamos Field Office, Mission Execution Manager NA-20 and NE-75 Programs, Arthur Trujillo

ACCOMPLISHMENTS FOR PERIOD

-TGA for Blend Lot #s 53 & 54 was completed. All TGA is now current.
-The PNNL team has made excellent progress on CSE analysis.
-The FY14 PMP was submitted to NA-00-LA for review and signature.
-B6 Sigma and Indramat came onsite to continue work on the lathe.
-A contract was awarded to Merrick for work on the MD-2 Design.
-All documentation was completed to install the can opener.
-The 60% design was completed for the ARIES Pit Cutter project.
-Muffle furnace hygrometer requirements were completed.

ACTIVE CONCERNS

-The uncertainty of a production restart date adds risk to the oxide certification milestone.
-The lack of LANL/TA-55 criticality resources continues to slow the process for approving resumption books.

DOE PROJECT AUTHORIZATION LOG

Authorization	Date	Capital	Expense	Work Scope
Initial Auth		0	50,348,586	Initial Auth

EXECUTIVE SUMMARY

DATA DATE: December 15, 2013

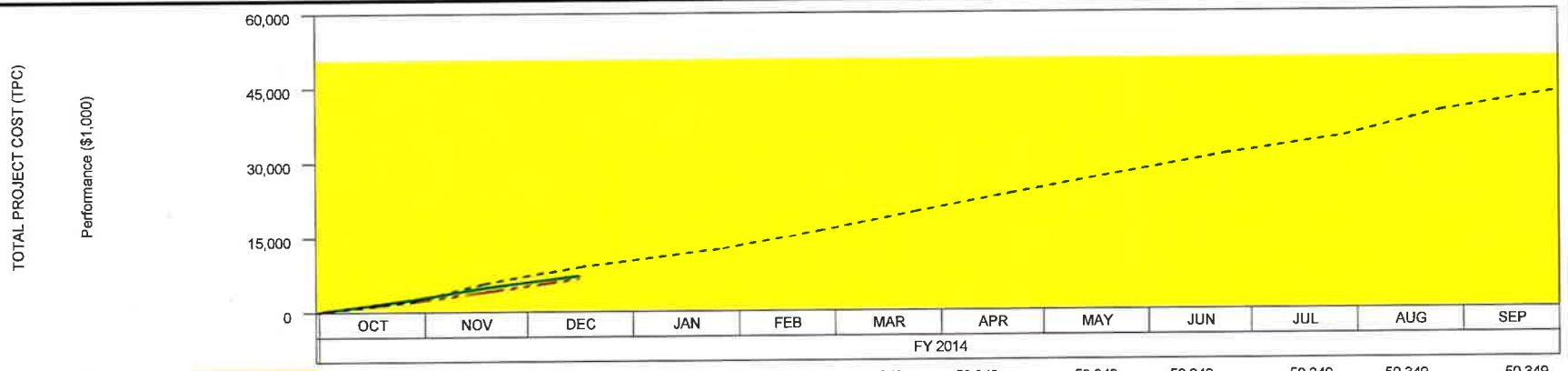
LANL PROJECT TITLE: FY14 Oxide Production AUTH. LANL PROJECT ID:	CONTINGENCY Contingency - $6,850,441

MILESTONE STATUS

Milestone	Baseline Sched.	Act./Fcst. Sched.	Var. (Weeks)
Resolve Criticality Safety Concerns with DMO-3 Oxide Conversion Unit		March 28, 2014 F	
Complete Design of Simple Pit Disassembly Equipment		August 15, 2014 F	
Complete the Installation of the Packaging Line Inner Can Welder		August 29, 2014 F	
Complete 3 Ready-to-Ship Submittals		September 15, 2014 F	
150 kg Certified Oxide Accepted by MOX Services		September 26, 2014 F	

BAR LOG (LAST 5)	BCP LOG (LAST 5) BCR PSM-14-004 Can Opener $52.8K BCR PSM-14-007 Storage Glovebox Agreement ($206.2K)

POTENTIAL FUTURE COST, SCHED., & TECHNICAL IMPACTS/CONCERNS



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Funding (BA)	50,349	50,349	50,349	50,349	50,349	50,349	50,349	50,349	50,349	50,349	50,349	50,349
BCWS	2,169	5,639	9,091	12,692	16,080	19,815	23,467	27,752	31,212	34,705	39,552	43,498
BCWP	2,493	4,900	7,184									
ACWP	2,014	3,883	6,544									
Total Obligations	2,659	4,698	7,380									

Technical Project Manager: Steven D. McKee — 8 January 2014 DATE	Program Director: Mark Dinehart — 1/8/14 DATE

1.0 Introduction

Los Alamos National Laboratory (LANL), under LANS, LLC, has the mission to produce plutonium oxide certified for use in Mixed-Oxide (MOX) fuels production and is currently using the Advanced Recovery and Integrated Extraction System (ARIES) for operations. This material is obtained from stockpile-return units identified by NA-26 for disposition in accordance with the Plutonium Management and Disposition Agreement.

This quarterly report provides a status on the key activities associated with the Program for the first quarter of FY14. Status is provided on staffing, accomplishments, milestones, financials, trends, activity status and overall concerns and challenges. This report covers the time period from October 2013 through December 2013.

2.0 Staffing

FY14	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Planned	53	68	74	75	76	76	78	79	75	74	72	64
Actual	52	62	62									

Table 1: Planned Versus Actual Staffing Costs (in FTEs)

Staffing through December is lower than planned. Some staff that were planned to charge resumption activities have been charging other programs. Some engineering and equipment installation efforts did not start per the baseline schedule, therefore, staffing is lower than planned.

3.0 Accomplishments

3.1 December 2013

Thermogravimetric analysis (TGA) for Blend Lot #s 53 & 54 was completed. All TGA is now current.

PNNL completed the initial review of the robotic lathe Criticality Safety Analysis (CSE) and transmitted the results of the review to LANL. A video conference was held with LANL to discuss the robotic lathe CSE review and confirm the path forward for development of the criticality safety information. This document is in preparation and will be transmitted to LANL before the end of January. PNNL completed and transmitted an analysis of the amount of water that could be safely allowed in the DMO furnace for the DMO-3 glovebox. This analysis took into account the geometry of the DMO furnace. The maximum allowable water volume was calculated to be 16 liters which resulted in a reactivity coefficient, or k-effective (k_{eff}), equal to 0.93 with 3% ^{240}Pu content. This conflicts with the volume capacity of the installed cooling system (30 liters) for this glovebox. The recommended criticality limits and controls for the DMO-2 furnace were developed and documented. The document containing the information required to produce a DOE-STD 3007-2007 compliant CSE was transmitted to LANL. The corresponding document for DMO-3 is currently in preparation and will be transmitted before the end of January. Initial review of the packaging/canning CSE will begin the week of January 20.

The final Oxide Production Program FY14 Program Management Plan was submitted to NA-00-LA for review and signature. It will be transmitted to NA-26 in early January for final signature.

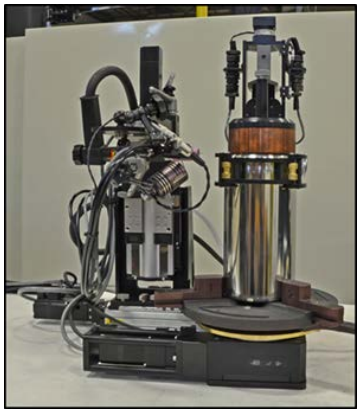
A second visit from B6 Sigma Inc. personnel was completed in December. The B6 Sigma representative updated the lathe controller drawing package based on LANL comments generated during the 90% review. The lathe controller drawing package was verified during the second visit and issued as 100% final. The B6 Sigma representative also met with the Indramat subcontractor representative onsite to initiate the work of establishing the communication between the Indramat drives, spindles and the controller. Another visit from both B6 Sigma and Indramat in late January will finalize this communication. The Design Change Form (DCF) was also initiated by LANL engineering with a kickoff meeting and walk down of the controller and the installation location by engineering, process engineers and construction.

Work on the New Lathe Control System

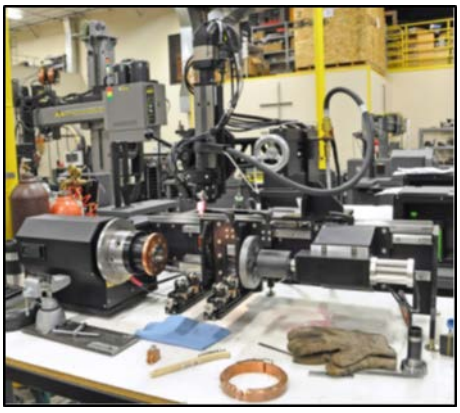
Lathe Control System Cabinet

A contract was awarded to Merrick and Company to develop the Engineering Design File Report on the MD-2 Shipping/Receiving – Preliminary Design project. The report is scheduled to be complete in early March. The project completed all preliminary documents, held a kick-off meeting and walk-down with staff from Merrick.

All documentation is complete to install the new can opener for the packaging line. The installation is scheduled to begin January 8, 2014. Preliminary engineering documents were completed and approved for the inner and outer can welders. These projects are on track to complete per the FY14 schedule.



Inner Can Welder



Outer Can Welder

The 60% design review was completed for the ARIES Pit Cutter project. Comments are due in January and will be incorporated as appropriate. This project is on schedule.

Construction on the NDA Cage has been suspended. Material is locked on the NDA table and it cannot be moved without an approved IWD. The project team has been told that construction cannot proceed with the material on the table and an estimated date for an approved IWD has not been set. Most items have been procured and are awaiting delivery, therefore construction could resume once an IWD is approved.

Requirements and engineering documents were completed for the muffle furnace hygrometer.

3.2 November 2013

The LANL Program Director traveled to Washington DC to present the FY13 Oxide Production Program's Year-End Financial Summary to the NA-26 Program sponsor. Laboratory representatives across the country participated. Members of the LANL team and NA-00-LA attended via VTC. Topics covered included FY13 assumptions, AOP milestones and performance measures, FY13 accomplishments, FY13 staffing levels, a financial summary, EVMS data, uncosted commitment summary, FY14 assumptions and spend plan and other outstanding financial issues.

Approximately 90% of the FY14 work packages have been finalized. Each work package includes scope, milestones, resources, schedule basis of estimate and assumptions. The remainder is expected to be finalized within the next 2-3 weeks.

Thermogravimetric analysis (TGA) for Blend Lot #s 51 & 52 was completed. The first samples, Blend Lot 51-TGA1 and Blend Lot 51-TGA2, were run November 19th & 20th. To ensure accurate and consistent evaluation of the moisture content in these samples, which have sat around for several months in sealed steel capsules, the team ran both TGA samples. Preliminary results looked good and consistent with previous tests; moisture was well below 0.01% by weight. On November 21st the team proceeded with the analyses of both cuts from Blend Lot 52. Blend Lot #s 51-52 remain on track for preparing samples and shipping to SRS by January 30, 2014.

The subcontractor from B6 Sigma Inc. was on site for 2 weeks in November working on the upgrade to the robotic lathe controller. During those 2 weeks work included connecting and testing the wiring from the control panel to some of the smaller Servo motors. Seven of the eight motors tested successfully, the team will continue to get the eighth motor operational before December. The team also finalized the drawing package and the B6 Sigma subcontractor took the mark-ups and will return in December with the final package. Further wiring work is expected to be completed in December when the B6 Sigma Inc. and Indramat subcontractors come on site to complete the wiring and testing of the Spindle motors. Indramat is the manufacturer of the drives that run the Spindle motors.

The team from PNNL completed the initial deliverables for work in support of the review of Oxide Production Program Criticality Safety Evaluation Documents (CSED). The initial reviews of the DMO-2 and DMO-3 CSEDs have been completed and transmitted to LANL. A video conference was held with LANL staff to discuss the DMO-2 and DMO-3 reviews. This conference confirmed that the reviews presented an accurate understanding of the system configuration and limits and the recommended path for completion. The initial review of the lathe CSED has been completed and was transmitted to LANL the week of November 25. Completion of the final evaluation report for DMO-2 and DMO-3 is underway with the review draft expected to be transmitted to LANL on or before December 20.

The Program received the final report from the J-E-T-S 10 day audit of the ARIES Oxide Production QA Program. Results show that of the 18 criteria associated with the basic requirements of NQA-1, the Program improved in eleven areas, remained the same in five and showed decline in two. The declining two included, organization (structure and QA independence), and procurement (supplier qualifications and Management Level designations). The program is working on a corrective action plan in response to the report.

Work continues to progress on the design of the control system for the Muffle Furnace. MET-1 and NCO-4 are working to develop a single integrated ARIES procedure. AET-5 kicked off the conceptual design process for the fabrication of the insulation barrier. Pricing continues on the cost of tantalum to fabricate the catch pan. The controller design will enter the 60% design review phase in the December timeframe.

Two packaging team members made another trip to AMET in Rexburg, ID to fulfill the requirements of the subcontract by doing the product inspection and subcontractor training prior to product delivery at LANL. The inner can welder is expected to arrive at LANL before the end of the calendar year. The outer can welder was delivered on November 18th. The outer can 3013 can that was welded with the new system during the October visit to Idaho was destructively inspected in November, radiography had passing results, metallography results are pending.

NPI-8, the ADPSM Equipment Installation Group began the necessary documentation to move forward on the installation of the can opener. The design change form was completed as was the Integrated Work document (IWD). The construction kick-off meeting occurred on November 4th. Per the project schedule the can opener installation will be complete on December 16th 2013, the inner can welder installation will be complete by March 27th and the outer can welder installation will be complete by August 22nd.

An IWD was drafted in preparation for the construction of the NDA cage. Operations and security requirements were identified. The cage design was completed by the LANL design engineering group and it was approved for construction. The team held the construction kick-off meeting. Material currently locked in the well of the NDA table will have to be moved prior to construction efforts and the NDA team is working on an IWD to get this done. The cage will provide a physical barrier that would ensure security protection when in place but could be moved out of the way to allow access to all sides of the Oxide Production Program's NDA table and instrumentation.

The ARIES Pit Cutter team completed the Requirements & Criteria Document and the Technical Safety Requirements document to 95%, approvals are pending but expected before months end. The team also identified and secured a location for the glovebox to contain the cutter. This additional disassembly tool will reduce the time needed on the robotic lathe and provide alternative solutions for this process step in the production line.

Work began to develop the nonconformance reporting (NCR) paperwork for Blend Lot 38M. The team got approximately half way through the necessary paperwork prior to issuing the NCR. Blend Lot 38M is on track for certification in early March.

The MD-2 Shipping/Receiving - Preliminary Design Statement of Need was completed, submitted and approved by the Integrated Program Management (IPM), Program Management Working Board. The team has also completed approximately 90% of the Technical Specification and Requirements Document and has begun work on the Requirements Criteria Document and estimate. A design contract was awarded to Merrick & Company for the Title I study/design to be completed in mid-March.

3.3 October 2013

On October 25, 2013 the Oxide Production Program finalized the baseline schedule for FY14 work. Work packages are in the final stages of completion and include scope, milestones, resources, schedule basis of estimate and assumptions. The team is fine tuning each work package to ensure accuracy and consistency with the baseline. In FY14 there are 30 work packages that fall into the categories of operations (12), engineering (5), program management (7), or projects (6).

The FY14 Program Management Plan is currently out for review by the signatories. Comments and suggestions from reviewers have been incorporated. The Program expects to have a signed copy before the end of November.

On October 28, 2013 a contract was awarded to B6 Sigma Inc. to assist in the completion of the robotic lathe equipment upgrade. Personnel from B6 Sigma Inc., the designer of the controller, will be coming onsite over the next few months to provide component and integrated system software testing for the PC-based control system. The subcontractor will consult on field installation activities and perform final testing once installation is complete. The subcontractor is required to provide monthly progress reports, a control system bill of materials in accordance with the approved software project plan (PA-SwPP-01002), a software requirements document, schematics/panel layout drawings, a software design document, a software test plan and final as-built drawings for the panel layout and electrical schematics.

DMO-2 & DMO-3 will be the starting point of an independent CSED review with support from PNNL personnel. A small team from PNNL was onsite to provide added criticality resource to the Program and work on criticality documentation necessary for the resumption package approvals prior to resuming operations in PF-4. LANL was able to utilize the PNNL resources through an approved Statement of Work between the two organizations.

A TGA replacement chiller was introduced into a glovebox without incident. This accomplishment gets the Program closer to the TGA analysis and certification of Blend Lot #s 51-52. Blend Lot #s 51-52 are on track for preparing samples and shipping to SRS on January 30, 2014.

J-E-T-S completed a 10 day audit of the ARIES Oxide Production QA Program. The auditors noted that the QA program shows improvement in many areas since the last audit in 2011. There were some shortfalls found as well largely to do with the lack of management assessments. The Program is developing a comprehensive assessment schedule for FY14. Their final report is expected to be issued by the end of November.

The muffle furnace tantalum catch pan has been designed and the team is preparing to procure the tantalum. Work is progressing on the design of the control system. The existing operating procedure has been updated. Upcoming effort will go towards developing a requirements and engineering documents for the insulation barrier and hygrometer.

Members of the packaging team traveled to AMET in Rexburg, ID to fulfill the requirements of the subcontract by doing the product inspection and subcontractor training prior to product delivery at LANL. The Outer Can Welder is expected to arrive at LANL within the next week or two. During the visit they were able to do a test weld on a 3013 outer container using the new welder. Also while in Idaho it was learned that the new Inner Can Welder is nearing final assembly.

Cold testing was completed on the 8th of the month on the packaging line's new Can Opener. The new opened will reduce or eliminate the shards that were produced in the previous COGEMA can opener. The new equipment is "off the shelf." Preparations for installation are moving forward, the IWD is in process and the post modification test has been drafted.

Procurement has been started for constructing the NDA cage. All materials should be onsite by early December. Construction is scheduled to begin in January and wrap-up in March. The cage will provide a physical barrier that would ensure security protection when in place but could be moved out of the way to allow access to all sides of the Oxide Production Program's NDA table and instrumentation.

Design work is underway for the ARIES Pit Cutter (simple pit disassembly). The team is working on the requirements documentation and Technical Safety Requirements. This additional disassembly tool will reduce the time needed on the robotic lathe and provide alternative solutions for this process step in the production line.

An Engineering Service Request was prepared and submitted for the MD-2 Shipping/Receiving - Preliminary Design. The team completed the Statement of Need and developed a risk ranking document. The goal for FY14 is to prepare engineering conceptual designs and Title II designs, to a 100% completion level, for the reconfiguration of the shipping and receiving area to accommodate the MD-2 shipping container, the installation design for a new materials storage cage, and the design for installation of a cover for the PF-4 external dock and loading area. Design work will be done through contract with an external design agency in accordance with the Laboratory's Conduct of Engineering procedures.

4.0 Milestones Status

4.1 NNSA Directed FY14 Milestones

The Oxide Production Program FY14 NNSA Milestones are described in the table below and includes status and notations as applicable.

Status	Due	Description	Notes
	03/30/14	Resolve criticality safety concerns with the DMO-3 oxide conversion unit	Working
	09/01/14	Complete the installation of the packaging line inner can welder	On Schedule
	08/15/14	Complete design of Simple Pit Disassembly Equipment (ARIES Pit Cutter)	On Schedule
	09/30/14	150 Kg certified oxide accepted by MOX Services	PF-4 may not resume operations in early January as planned in the FY14 baseline schedule; milestone is at risk.
	09/15/14	Complete 3 Ready-to-Ship submittals	On Schedule

Table 2: NNSA Directed Milestone Summary

satisfactory caution alert complete

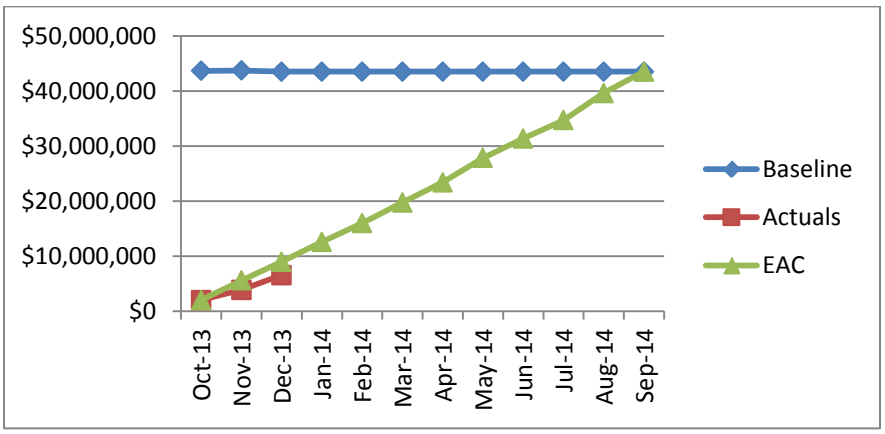
4.2 Near Term Milestones

Milestone	Target Date	Forecast or Actual Date
B6 Sigma Contract Approval	03-Jan-2013	28-Oct-2013 A
Certification of Blend Lot 38-M	06-Mar-2014	06-Mar-2014 F
2nd Milling & Blending Shielding Installed	08-Oct-2013	26-Nov-2013 A
Prepare Samples and Ship to SRS (Blend Lot #s 51-52)	03-Jun-2013	30-Jan-2014 F
NDA Cage Installation Complete	17-Mar-2014	17-Mar-2014 F
MD-2 Shipping/Receiving - Preliminary Design Complete	19-Mar-2014	19-Mar-2014 F
Prepare Samples and Ship to SRS (Blend Lot #s 53-54)	22-Jul-2013	30-Jan-2014 F
Receive Outer Can Welder	01-Aug-2013	18-Nov-2013 A

Table 3: Near Term Milestone Summary

5.0 Financial Overview

5.1 Financial Summary



Baseline	December Spend Status	EAC
$43,704,307	$6,543,624	$43,498,145

The Oxide Production Program is currently projecting an estimate at completion of $43.5M.

5.2 Project Performance and Earned Value Management

The Oxide Production program cumulative cost variance is $640K resulting in a CPI of 1.10 with the total spent at $6,544K. The estimate at completion is $43.5M. The cumulative schedule variance is -$1,906,995K resulting in an SPI of 0.79. $7,184K of work was accomplished against $9,090K planned.

The Oxide Production program is behind schedule and underrun per the baseline plan.

The schedule is behind primarily due to delays in Resumption, Conveyor Control System Refurbishment and Lathe Controller Upgrade Installation activities.

The cost underrun is primarily due to the Spare Parts work package parts not being ordered as scheduled, the Alternative Studies work package not yet fully staffed as planned, and level-of-effort activities for the Lathe Controller Upgrade Installation not using planned resources due to a delay in the B6 Sigma contract award.

The schedule delays will not impact completion of the projects associated with the delayed activities. It is expected that the underrun will recover when operations are resumed and the projects recover from their schedule delays.

5.3 Variance Analysis

Functional area cumulative YTD variance is analyzed in the table below:

Function	Schedule Variance	Cost Variance	Analysis
Operations	($1,164) 0.70 SPI	($114) 0.96 CPI	Operational work packages are behind schedule and overrun. The schedule is behind primarily due to delays in PF-4 resumption. These delays could impact the Operations effort if they continue. The overrun is primarily due to lack of progress on Resumption compared the resources assigned to it.
Engineering	($433) 0.67 SPI	$307 1.53 CPI	Engineering is behind schedule and underrun. The schedule is behind primarily due to delays in the Conveyor Control System Refurbishment activities. These delays are not expected to impact completion of this effort. Spare Parts is showing an underrun due to difficulty in forecasting when the purchases will be executed during the fiscal year. It is forecasted and is taking earned value as level-of-effort. This variance will be eliminated when the purchases are executed. Analytical Chemistry is under-running due to the PF-4 operational pause.
Program Management	($26) .99 SPI	$79 1.03 CPI	Program Management is slightly behind schedule and underrun. The schedule is behind due to delays in the Quarterly Risk Update and to less resources being used for Alternative Studies than planned.
Projects	($284) .78 SPI	$368 1.58 CPI	The Lathe Controller Upgrade Installation project is behind schedule and underrun. The schedule is behind due to delays in awarding the Develop Controller Drawing Package Subcontract. These delays are not expected to impact completion of this effort. The underrun is due to not using the planned level-of-effort resources, which is due to the delays in awarding the Develop Controller Drawing Package Subcontract.

Table 4: Variance Analysis

6.0 Trends and Change Control

The current Trend Register, Appendix G, is attached to this report.

The following trends were resolved under variance management and baseline change requests:

- Can opener, inner and outer can welders
- Storage glovebox agreement
- PF-4 resumption – criticality safety support

The following trends are pending resolution as of December 2013:

- Harry Majors – packaging support

- Removal of NPI-1 staff (NPI-1 no longer exists as a result of a reorganization within NPI-DO) from the Material Shipping and Receiving work package
- Increase packaging work package allocation and budget to cover identified personnel to 100% for insuring core capability maintenance
- Procure, install and document DMO-2 limited volume circulating chilled water system
- Reduced forecast of waste shipments due to PF-4 pause
- Removal of NPI-7 work scope from the Analytical Chemistry work package
- Delay of the NDA cage installation due to resumption priorities
- FY14 procurement of inner & outer can welders and leak detector
- Module specific engineering support for packaging
- Removal of the acceptance testing scope of work from the Can Opener, Inner & Outer Can Welder work package to the Packaging work package
- Detail plan the TA-55 Building 314 warehouse upgrades
- NA-00-LA review of the blend lot books

7.0 Status

The FY14 PMP is awaiting transmission from NA-00-LA to NA-26 for the final Federal Program Manager's signature. This is expected in early January.

The criticality team from PNNL will begin the initial review of the packaging/canning CSE the week of January 20. The CSE documentation for the robotic lathe will be transmitted to LANL before the end of January.

B6 Sigma and Indramat subcontractors for the lathe controller will be onsite in late January to finalize the communication between the spindle drives and the controller.

The NDA cage construction project has been halted pending a criticality review of the in process IWD to move the material off the NDA table.

8.0 Challenges

The most significant challenge facing the Program, as we wrap up the first quarter of 2014, results from the June 27th Director's pause on all programmatic operations. The uncertainty of a production restart date adds risk to the oxide certification milestone.

A lack of sufficient criticality resources to review the operational and maintenance procedures and criticality documentation in a timely fashion continues to be a major challenge. Even with the added resources of the PNNL team helping to evaluate the Program documents it remains unclear how these efforts will integrate into the final criticality evaluation/review process required by LANL.

The FY14 construction projects continue moving forward with the exception of building the NDA cage. Due to material locked down on the NDA table construction has been halted pending approval of an IWD to move the material. A timeline for the IWD approval has not been determined.

Appendices

Appendix A: Production Schedule

Appendix B: Certification & Ready-to-Ship Schedule

Appendix C: Cost Performance Report

Appendix D: Status Schedule

Appendix E: Spend Plan

Appendix F: Commitments

Appendix G: Trend Register

Appendix H: Milestone Report

APPENDIX A:
Production Schedule

Attachment A: FY14 Oxide Production Schedule

Oxide Production for Blend Lots 51-64

Oxide Production		Oct*	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Year to Date	Q1	Q2	Q3	Q4	Total for Year	Status
Converted (kg Pu)	Planned	0	0	0	15	30	30	15	30	30	30	15	15	210	0	75	75	60	210	
	Actual	70.7	0	0	0	0	0	0	0	0	0	0	0	70.7	70.7	0	0	0	70.7	
Blended (kg Pu)	Planned	0	0	0	15	30	30	30	15	35	30	30	15	230	0	75	80	75	230	
	Actual	50.8	0	0	0	0	0	0	0	0	0	0	0	50.8	50.8	0	0	0	50.8	
Samples Shipped**	Planned	0	0	0	60	0	0	0	60	60	60	0	0	240	0	60	120	60	240	
	Actual	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Packaged (kg Pu)	Planned	0	0	0	0	12.7	37.9	25.4	25.4	25.4	25.4	12.7	25.4	190.3	0	50.6	76.2	63.5	190.3	
	Actual	50.8	0	0	0	0	0	0	0	0	0	0	0	50.8	50.8	0	0	0	50.8	
Analyzed*** (kg Pu)	Planned	0	0	0	0	0	50.8	0	50.8	0	50.8	0	50.8	203.2	0	50.8	50.8	101.6	203.2	
	Actual	0	0	25.2	0	0	0	0	0	0	0	0	0	25.2	25.2	0	0	0	25.2	
Certified**** (kg Pu)	Planned	0	0	0	0	25.2	0	25.2	0	0	50.8	0	50.8	152	0	25.2	25.2	101.6	152	
	Actual	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

FY14 Oxide Production Schedule

Notes:

* Includes FY13 material in the pipeline **AND** assume 1/8/14 start date

** FY14 has all samples shipped to SRNL

*** FY14 has all AC performed by PNNL except 10% nitrogen sampling

**** Letter of acceptance by MOX Services denotes certified

APPENDIX B:
Certification & Ready-to-Ship Schedule

Appendix B – Certification and Ready-to-Ship Schedule

BLEND LOT	kg Pu (theoretical)	kg Pu (actual)	status	AC Report Complete	CoA prepared	CoC prepared	QPA-PQ review and approval	MOX Services approval	LAFO review (if required)	metric designation
38-M	12.7				2/17/2014	2/17/2014	3/3/2014	3/17/2014	n/a	muffle furnace FY2014 certification
XX-M	12.7			7/4/2014	8/1/2014	8/1/2014	8/15/2014	8/29/2014	n/a	muffle furnace FY2014 certification
(XX+1)-M	12.7			7/15/2014	9/23/2014	9/23/2014	FY2015	FY2015	n/a	FY2014 muffle furnace schedule
(XX+2)-M	12.7			FY2015	FY2015	FY2015	FY2015	FY2015	n/a	FY2014 muffle furnace schedule
(XX+3)-M	12.7			FY2015	FY2015	FY2015	FY2015	FY2015	n/a	FY2014 muffle furnace schedule
40	12.7			7/1/2014	7/20/2014	7/20/2014	8/1/2014	8/15/2014	n/a	CGD for PNNL
2[a]	12.7			7/1/2014	7/20/2014	7/20/2014	8/1/2014	8/15/2014	n/a	CGD for PNNL
1[a]			**certified**		12/1/2013	12/1/2013	12/15/2013	1/8/2014	n/a	1st Ready-to-Ship
3			**certified**						n/a	1st Ready-to-Ship
4[a]			**certified**		12/1/2013	12/1/2013	12/15/2013	1/8/2014	n/a	1st Ready-to-Ship
17			**certified**							1st Ready-to-Ship
30			**certified**						n/a	1st Ready-to-Ship
31			**certified**						n/a	1st Ready-to-Ship
39[b]			**certified**						n/a	2nd Ready-to-Ship
41[b]			**certified**						n/a	2nd Ready-to-Ship
42[b]			**certified**						n/a	2nd Ready-to-Ship
43[b]			**certified**						n/a	2nd Ready-to-Ship
44[b]			**certified**						n/a	2nd Ready-to-Ship
45[b]			**certified**						n/a	2nd Ready-to-Ship
46[b]			**certified**						n/a	3rd Ready-to-Ship
47[b]			**certified**						n/a	3rd Ready-to-Ship
48[b]			**certified**						n/a	3rd Ready-to-Ship
49[b]			**certified**						n/a	3rd Ready-to-Ship
50[b]			**certified**						n/a	3rd Ready-to-Ship
51[b,c]	12.7				1/22/2014	1/22/2014	2/6/2014	2/13/2014	n/a	FY2014 Blend LOT PRODUCTION
52[b,c]	12.7				1/22/2014	1/22/2014	2/6/2014	2/13/2014	n/a	FY2014 Blend LOT PRODUCTION
53	12.7			3/17/2014	3/31/2014	3/31/2014	4/7/2014	4/14/2014	n/a	FY2014 Blend LOT PRODUCTION
54	12.7		**50 kg**	3/17/2014	3/31/2014	3/31/2014	4/7/2014	4/14/2014	n/a	FY2014 Blend LOT PRODUCTION
55	12.7			5/15/2014	6/2/2014	6/2/2014	6/18/2014	7/2/2014	n/a	FY2014 Blend LOT PRODUCTION
56	12.7			5/15/2014	6/2/2014	6/2/2014	6/19/2014	7/3/2014	n/a	FY2014 Blend LOT PRODUCTION
57	12.7			5/15/2014	6/2/2014	6/2/2014	6/19/2014	7/3/2014	n/a	FY2014 Blend LOT PRODUCTION
58	12.7		**100 kg**	7/30/2014	8/13/2014	8/13/2014	8/29/2014	9/15/2014	n/a	FY2014 Blend LOT PRODUCTION
59	12.7			7/30/2014	8/13/2014	8/13/2014	8/29/2014	9/15/2014	n/a	FY2014 Blend LOT PRODUCTION
60	12.7			7/30/2014	8/13/2014	8/13/2014	8/29/2014	9/15/2014	n/a	FY2014 Blend LOT PRODUCTION
61	12.7			7/30/2014	8/13/2014	8/13/2014	8/29/2014	9/15/2014	n/a	FY2014 Blend LOT PRODUCTION
62	12.7		**150 kg**	7/30/2014	8/13/2014	8/13/2014	8/29/2014	9/15/2014	n/a	FY2014 Blend LOT PRODUCTION
63	12.7			8/12/2014	8/26/2014	8/26/2014	9/12/2014	9/25/2014	n/a	FY2014 waterfall chart
64	12.7			8/12/2014	8/26/2014	8/26/2014	9/12/2014	9/25/2014	n/a	FY2014 waterfall chart
65	12.7			9/2/2014	9/17/2014	9/17/2014	FY2015	FY2015	n/a	FY2014 waterfall chart
66	12.7		**200 kg**	FY2015	FY2015	FY2015	FY2015	FY2015	n/a	FY2014 waterfall chart
Total	**152.4**	**0**								

Notes:

1. All dates denote when the action or activity is completed per the baseline; schedule durations include review, corrections, confirmations and signatures.
2. Activity Complete Activity < 10 days behind Activity > 10 days behind
3. **"Certified"** denotes that MOX Services has already accepted the product and cannot count in FY14 annual production target.
4. **"# kg"** denotes Blend Lot is part of the FY14 production quota (Joule Metric)

****

a. Material already certified by MOX Services but books need to be revised, reviewed by QPA-PQ and then reviewed by MOX Services for approval.
b. Denotes LANL is waiting for weld report before material can be moved into the Ready-to-Ship.
c. AC reports & TGA for Blend Lot #s 51 & 52 obtained in FY13, in process for CoA/CoC.

****

n/a = The Field Office will no longer review books, except as part of any quality assessment, audit, or spot check.

APPENDIX C:
Cost Performance Report

APPENDIX C - Cost Performance Report

COST PERFORMANCE REPORT - FORMAT 2

DATA FROM 09/30/2013 TO 09/30/2050 | **FY14 Oxide Production** | COST IN $ x1,000 | PAGE 1 OF 2

IWBS LVL 7 AND DESCRIPTION (1)		CURRENT PERIOD (12/15/2013)					CUMULATIVE TO DATE							AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		INDEX		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)	SCHEDULED (12)	COST (13)			
IWBS LVL 6: Operations																
D10201D4030101	Pit Disassembly	6	6	91	0	-84	18	18	295	0	-277	1.00	0.06	975	975	0
D10201D4030102	Material Shipping and Receiving	135	105	72	-29	33	441	349	100	-91	249	0.79	3.49	1,421	1,421	0
D10201D4030103	Pu Conversion	182	190	209	8	-18	450	293	529	-156	-235	0.65	0.56	4,288	4,288	0
D10201D4030104	Packaging	23	23	364	0	-341	62	63	714	0	-651	1.01	0.09	1,422	1,422	0
D10201D4030105	Nondestructive Assay	4	4	12	0	-8	11	11	48	0	-37	1.00	0.24	301	301	-0
D10201D4030106	Operations Management	25	25	39	0	-13	71	71	105	0	-34	1.00	0.68	824	824	0
D10201D4030107	Pu Characterization	6	6	211	0	-205	18	18	402	0	-383	1.00	0.05	1,152	1,152	0
D10201D4030108	Preventive Equipment Maintenance	43	43	59	-0	-15	115	115	136	-0	-20	1.00	0.85	560	560	0
D10201D4030109	Production Planning and Control	159	161	84	1	76	430	432	259	1	172	1.00	1.67	2,082	2,082	0
D10201D4030111	2nd Mill and Blend Shielding Installation	0	20	0	20	19	37	33	68	-4	-35	0.88	0.48	37	37	0
D10201D4030112	PF-4 Resumption	951	0	96	-951	-96	2,200	1,287	147	-913	1,139	0.58	8.72	3,167	3,167	0
IWBS LVL 6: Operations		1,538	588	1,241	-949	-652	3,858	2,694	2,808	-1,164	-114	0.70	0.96	16,234	16,234	0
IWBS LVL 6: Engineering																
D10201D4030201	Process Equipment Engineering Support	194	90	66	-103	24	562	309	266	-253	42	0.55	1.16	1,613	1,613	0
D10201D4030202	Analytical Chemistry	92	92	50	0	42	258	258	135	-0	122	1.00	1.90	1,816	1,816	0
D10201D4030203	Process Qualification	11	11	42	0	-31	32	32	68	0	-36	1.00	0.47	157	157	0
D10201D4030204	Warehousing/Procurement/Storage	31	31	24	0	7	88	88	76	0	11	1.00	1.15	427	427	0
D10201D4030205	Spare Parts	179	0	31	-179	-31	377	198	31	-179	166	0.52	6.30	2,293	2,293	0
IWBS LVL 6: Engineering		510	227	216	-283	11	1,319	886	579	-432	307	0.67	1.53	6,308	6,308	0
IWBS LVL 6: Program Management																
D10201D4030301	Program Management	242	212	113	-30	99	673	643	563	-30	79	0.95	1.14	2,944	2,944	0
D10201D4030302	TA-55 Infrastructure	414	414	403	0	10	1,150	1,150	1,160	-0	-10	1.00	0.99	5,566	5,566	0
D10201D4030303	TA-54 Waste Management	0	0	0	0	0	0	0	0	0	0	0.00	0.00	450	450	0
D10201D4030304	Quality Assurance Support	165	169	249	4	-79	386	390	505	4	-114	1.01	0.77	3,037	3,037	0
D10201D4030305	Independent Product Certification	36	36	20	0	15	36	36	30	0	5	1.00	1.19	506	506	0
D10201D4030306	Records Management/Document	44	44	43	0	1	124	124	139	0	-15	1.00	0.89	600	600	-0
D10201D4030307	Alternative Studies	92	92	115	0	-22	258	257	124	-0	133	1.00	2.07	1,248	1,248	-0
IWBS LVL 6: Program Management		995	969	945	-25	24	2,628	2,602	2,523	-26	79	0.99	1.03	14,355	14,355	-0

DATA FROM 09/30/2013 TO 09/30/2050

COST PERFORMANCE REPORT - FORMAT 2

FY14 Oxide Production

COST IN $ x1,000

IWBS LVL 7 AND DESCRIPTION (1)		CURRENT PERIOD (12/15/2013)					CUMULATIVE TO DATE							AT COMPLETION		
		BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		INDEX		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
		WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULED (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULED (10)	COST (11)	SCHEDULED (12)	COST (13)			
IWBS LVL 6: Projects																
D10201D4030401	Lathe Controller Upgrade Installation	103	105	53	2	51	556	329	108	-227	221	0.59	3.05	1,425	1,425	-0
D10201D4030402	ARIES Pit Cutter	104	147	100	43	46	291	299	239	8	60	1.03	1.25	1,838	1,838	0
D10201D4030403	NDA Cage Installation	31	0	66	-31	-66	100	68	209	-31	-140	0.69	0.33	740	740	0
D10201D4030404	MD-2 Container Preliminary Design	52	94	29	41	64	135	124	45	-10	78	0.92	2.72	1,000	1,000	0
D10201D4030405	TA55-314 Upgrades	24	0	1	-24	-1	24	0	1	-24	-1	0.00	0.00	500	500	0
D10201D4030406	Can Opener, Inner Welder, Outer Welder	90	150	6	60	144	175	177	27	1	149	1.01	6.47	1,094	1,094	0
IWBS LVL 6: Projects		406	497	257	91	240	1,284	1,000	632	-283	368	0.78	1.58	6,599	6,599	0
REPORT TOTALS		3,451	2,283	2,660	-1,167	-377	9,090	7,183	6,543	-1,906	640	0.79	1.10	43,498	43,498	-0

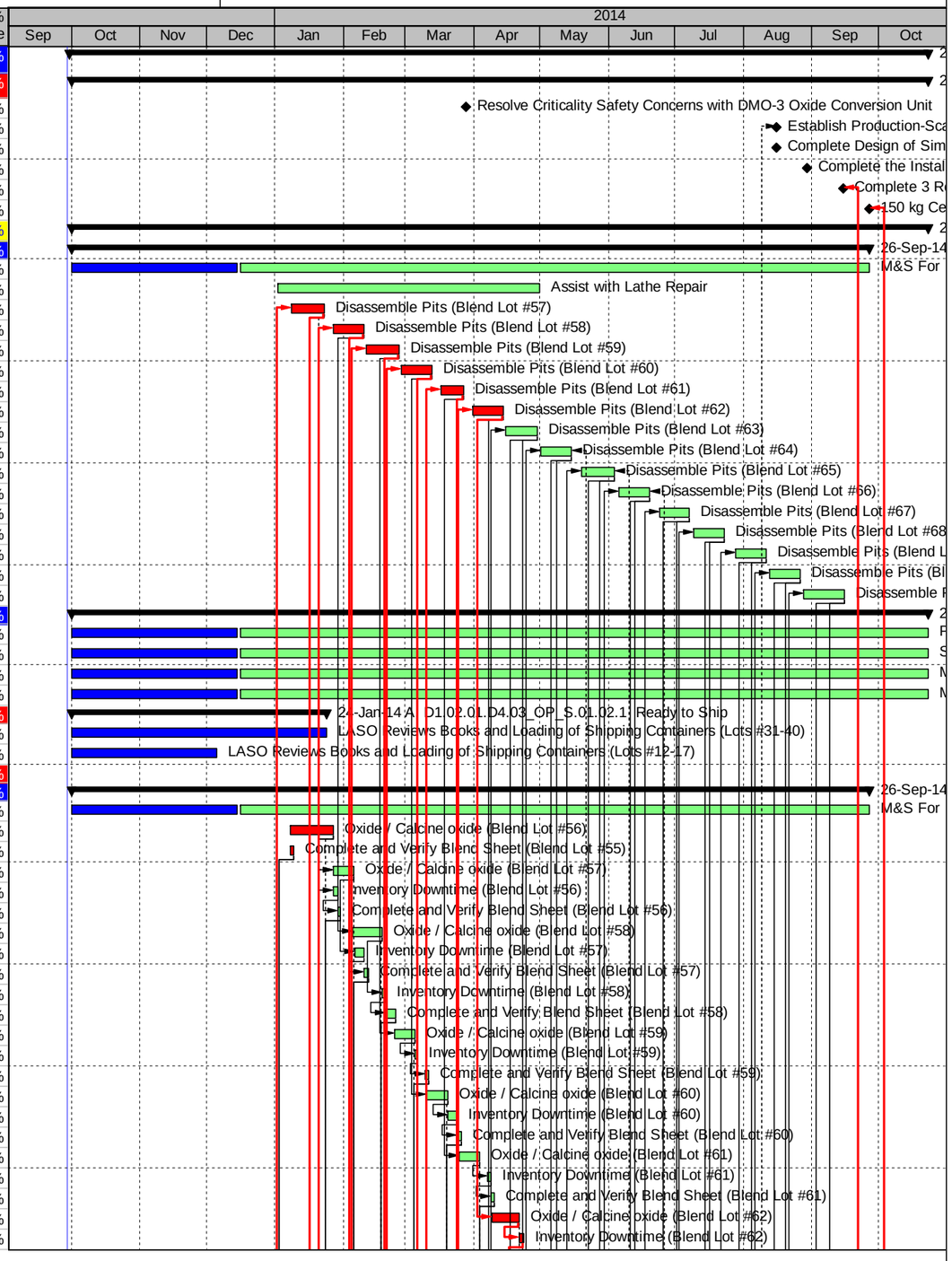
APPENDIX D:
Status Schedule

APPENDIX D - Status Schedule 1st Quarter 2014 - December 2013

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Total		261.0d	220.0d	30-Sep-13	30-Sep-13	09-Oct-14	23-Oct-14	16.52%
D1.02.01.D4.03_OP_S Oxide Production Program		260.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	16.76%
Oxide34000	Resolve Criticality Safety Concerns with DMO-3 Oxide Conversi	0.0d	0.0d			28-Mar-14	28-Mar-14*	0%
Oxide34080	Establish Production-Scale Muffle Furnace Oxide Capacity	0.0d	0.0d			15-Aug-14	15-Aug-14*	0%
Oxide34010	Complete Design of Simple Pit Disassembly Equipment	0.0d	0.0d			15-Aug-14	15-Aug-14*	0%
Oxide34030	Complete the Installation of the Packaging Line Inner Can Wel	0.0d	0.0d			29-Aug-14	29-Aug-14*	0%
Oxide34040	Complete 3 Ready-to-Ship Submittals	0.0d	0.0d			15-Sep-14	15-Sep-14*	0%
Oxide34110	150 kg Certified Oxide Accepted by MOX Services	0.0d	0.0d			26-Sep-14	26-Sep-14*	0%
D1.02.01.D4.03_OP_S.01 Operations		247.5d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	16.6%
D1.02.01.D4.03_OP_S.01.01 Pit Disassembly		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	1.9%
Oxide18830	M&S For Pit Disassembly Oxide Production FY13	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide28370	Assist with Lathe Repair	82.5d	82.5d	02-Jan-14	02-Jan-14*	30-Apr-14	30-Apr-14	0%
Oxide12080	Disassemble Pits (Blend Lot #57)	10.0d	10.0d	08-Jan-14	08-Jan-14	23-Jan-14	23-Jan-14	0%
Oxide9680	Disassemble Pits (Blend Lot #58)	10.0d	10.0d	27-Jan-14	27-Jan-14	10-Feb-14	10-Feb-14	0%
Oxide13680	Disassemble Pits (Blend Lot #59)	10.0d	10.0d	11-Feb-14	11-Feb-14	26-Feb-14	26-Feb-14	0%
Oxide13880	Disassemble Pits (Blend Lot #60)	10.0d	10.0d	27-Feb-14	27-Feb-14	13-Mar-14	13-Mar-14	0%
Oxide16280	Disassemble Pits (Blend Lot #61)	10.0d	10.0d	17-Mar-14	17-Mar-14	27-Mar-14	27-Mar-14	0%
Oxide17880	Disassemble Pits (Blend Lot #62)	10.0d	10.0d	31-Mar-14	31-Mar-14	14-Apr-14	14-Apr-14	0%
Oxide16480	Disassemble Pits (Blend Lot #63)	10.0d	10.0d	15-Apr-14	15-Apr-14	29-Apr-14	29-Apr-14	0%
Oxide16680	Disassemble Pits (Blend Lot #64)	10.0d	10.0d	01-May-14	01-May-14	15-May-14	15-May-14	0%
Oxide18280	Disassemble Pits (Blend Lot #65)	10.0d	10.0d	19-May-14	19-May-14	03-Jun-14	03-Jun-14	0%
Oxide15280	Disassemble Pits (Blend Lot #66)	10.0d	10.0d	05-Jun-14	05-Jun-14	19-Jun-14	19-Jun-14	0%
Oxide16880	Disassemble Pits (Blend Lot #67)	10.0d	10.0d	24-Jun-14	24-Jun-14	07-Jul-14	07-Jul-14	0%
Oxide17080	Disassemble Pits (Blend Lot #68)	10.0d	10.0d	09-Jul-14	09-Jul-14	23-Jul-14	23-Jul-14	0%
Oxide2202	Disassemble Pits (Blend Lot #69)	10.0d	10.0d	28-Jul-14	28-Jul-14	11-Aug-14	11-Aug-14	0%
Oxide2402	Disassemble Pits (Blend Lot #70)	10.0d	10.0d	12-Aug-14	12-Aug-14	26-Aug-14	26-Aug-14	0%
Oxide1962	Disassemble Pits (Blend Lot #71)	10.0d	10.0d	28-Aug-14	28-Aug-14	15-Sep-14	15-Sep-14	0%
D1.02.01.D4.03_OP_S.01.02 Material Shipping and Receiving		242.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	24.58%
Oxide18855	Perform baseline radiography (NDA) on Can Sets - FY13	242.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	13.22%
Oxide18861	Shipping & receiving support by NPI-1 - FY13	242.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	13.22%
Oxide18840	Material Storage and Maintenance of Containers and other Sto	242.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	13.22%
Oxide18870	M&S For Material Shipping, Receiving & Handling FY13	242.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	13.22%
D1.02.01.D4.03_OP_S.01.02.1 Ready to Ship		45.0d	0.0d	01-Oct-13	01-Oct-13	06-Dec-13	24-Jan-14	100%
Oxide18918	LASO Reviews Books and Loading of Shipping Containers (Lot	39.0d	0.0d	01-Oct-13	01-Oct-13	26-Nov-13	24-Jan-14	100%
Oxide18898	LASO Reviews Books and Loading of Shipping Containers (Lot	45.0d	0.0d	01-Oct-13	01-Oct-13	06-Dec-13	06-Dec-13	100%
D1.02.01.D4.03_OP_S.01.02.23 Oxide Production - Non-SNM Disposition		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.03 Pu Conversion		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	2.16%
Oxide18880	M&S For DMO Oxide Production FY13	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide11090	Oxide / Calcine oxide (Blend Lot #56)	12.0d	12.0d	08-Jan-14	08-Jan-14*	27-Jan-14	27-Jan-14	0%
Oxide12370	Complete and Verify Blend Sheet (Blend Lot #55)	2.0d	2.0d	08-Jan-14	08-Jan-14*	09-Jan-14	09-Jan-14	0%
Oxide12090	Oxide / Calcine oxide (Blend Lot #57)	8.0d	8.0d	27-Jan-14	27-Jan-14	05-Feb-14	05-Feb-14	0%
Oxide10450	Inventory Downtime (Blend Lot #56)	2.0d	2.0d	27-Jan-14	27-Jan-14	29-Jan-14	29-Jan-14	0%
Oxide12380	Complete and Verify Blend Sheet (Blend Lot #56)	2.0d	2.0d	29-Jan-14	29-Jan-14	30-Jan-14	30-Jan-14	0%
Oxide9690	Oxide / Calcine oxide (Blend Lot #58)	8.0d	8.0d	05-Feb-14	05-Feb-14	18-Feb-14	18-Feb-14	0%
Oxide12100	Inventory Downtime (Blend Lot #57)	2.0d	2.0d	06-Feb-14	06-Feb-14	10-Feb-14	10-Feb-14	0%
Oxide12390	Complete and Verify Blend Sheet (Blend Lot #57)	2.0d	2.0d	10-Feb-14	10-Feb-14	12-Feb-14	12-Feb-14	0%
Oxide9700	Inventory Downtime (Blend Lot #58)	2.0d	2.0d	18-Feb-14	18-Feb-14	20-Feb-14	20-Feb-14	0%
Oxide16240	Complete and Verify Blend Sheet (Blend Lot #58)	2.0d	2.0d	20-Feb-14	20-Feb-14	24-Feb-14	24-Feb-14	0%
Oxide13690	Oxide / Calcine oxide (Blend Lot #59)	8.0d	8.0d	24-Feb-14	24-Feb-14	05-Mar-14	05-Mar-14	0%
Oxide13700	Inventory Downtime (Blend Lot #59)	2.0d	2.0d	05-Mar-14	05-Mar-14	06-Mar-14	06-Mar-14	0%
Oxide12710	Complete and Verify Blend Sheet (Blend Lot #59)	2.0d	2.0d	10-Mar-14	10-Mar-14	11-Mar-14	11-Mar-14	0%
Oxide13890	Oxide / Calcine oxide (Blend Lot #60)	8.0d	8.0d	10-Mar-14	10-Mar-14	20-Mar-14	20-Mar-14	0%
Oxide13900	Inventory Downtime (Blend Lot #60)	2.0d	2.0d	20-Mar-14	20-Mar-14	24-Mar-14	24-Mar-14	0%
Oxide12720	Complete and Verify Blend Sheet (Blend Lot #60)	2.0d	2.0d	24-Mar-14	24-Mar-14	26-Mar-14	26-Mar-14	0%
Oxide16290	Oxide / Calcine oxide (Blend Lot #61)	8.0d	8.0d	25-Mar-14	25-Mar-14	03-Apr-14	03-Apr-14	0%
Oxide16300	Inventory Downtime (Blend Lot #61)	2.0d	2.0d	07-Apr-14	07-Apr-14	08-Apr-14	08-Apr-14	0%
Oxide12730	Complete and Verify Blend Sheet (Blend Lot #61)	2.0d	2.0d	08-Apr-14	08-Apr-14	10-Apr-14	10-Apr-14	0%
Oxide17890	Oxide / Calcine oxide (Blend Lot #62)	8.0d	8.0d	09-Apr-14	09-Apr-14	21-Apr-14	21-Apr-14	0%
Oxide17900	Inventory Downtime (Blend Lot #62)	2.0d	2.0d	21-Apr-14	21-Apr-14	23-Apr-14	23-Apr-14	0%



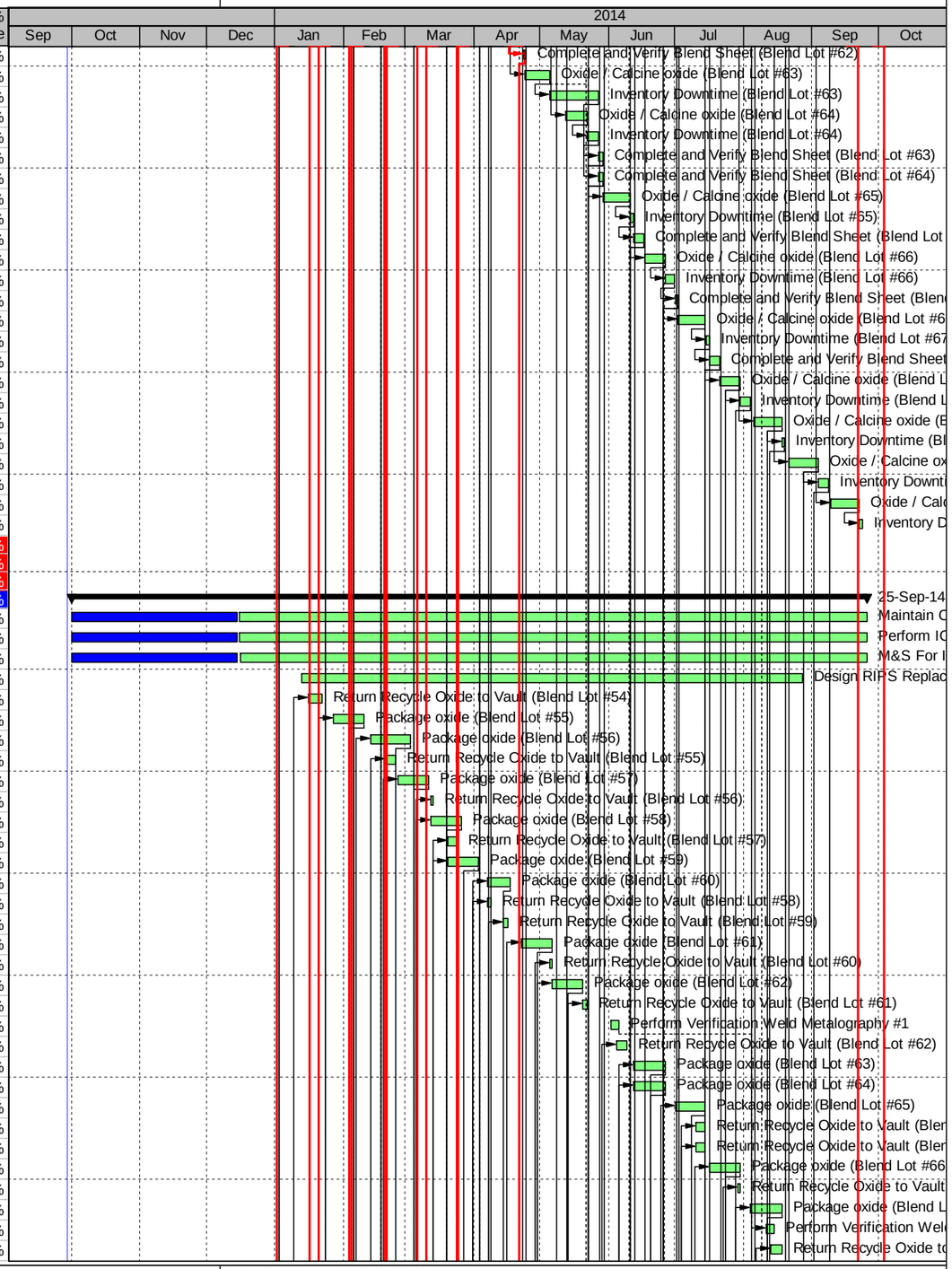
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Oxide12740	Complete and Verify Blend Sheet (Blend Lot #62)	2.0d	2.0d	23-Apr-14	23-Apr-14	24-Apr-14	24-Apr-14	0%
Oxide16490	Oxide / Calcine oxide (Blend Lot #63)	7.0d	7.0d	24-Apr-14	24-Apr-14	05-May-14	05-May-14	0%
Oxide16500	Inventory Downtime (Blend Lot #63)	15.0d	15.0d	05-May-14	05-May-14	27-May-14	27-May-14	0%
Oxide16690	Oxide / Calcine oxide (Blend Lot #64)	8.0d	8.0d	12-May-14	12-May-14	22-May-14	22-May-14	0%
Oxide16700	Inventory Downtime (Blend Lot #64)	2.0d	2.0d	22-May-14	22-May-14	27-May-14	27-May-14	0%
Oxide12750	Complete and Verify Blend Sheet (Blend Lot #63)	2.0d	2.0d	27-May-14	27-May-14	29-May-14	29-May-14	0%
Oxide12745	Complete and Verify Blend Sheet (Blend Lot #64)	2.0d	2.0d	27-May-14	27-May-14	29-May-14	29-May-14	0%
Oxide18290	Oxide / Calcine oxide (Blend Lot #65)	8.0d	8.0d	29-May-14	29-May-14	10-Jun-14	10-Jun-14	0%
Oxide18300	Inventory Downtime (Blend Lot #65)	2.0d	2.0d	10-Jun-14	10-Jun-14	12-Jun-14	12-Jun-14	0%
Oxide12775	Complete and Verify Blend Sheet (Blend Lot #65)	2.0d	2.0d	12-Jun-14	12-Jun-14	16-Jun-14	16-Jun-14	0%
Oxide15290	Oxide / Calcine oxide (Blend Lot #66)	8.0d	8.0d	17-Jun-14	17-Jun-14	26-Jun-14	26-Jun-14	0%
Oxide15300	Inventory Downtime (Blend Lot #66)	2.0d	2.0d	26-Jun-14	26-Jun-14	30-Jun-14	30-Jun-14	0%
Oxide12790	Complete and Verify Blend Sheet (Blend Lot #66)	2.0d	2.0d	01-Jul-14	01-Jul-14	02-Jul-14	02-Jul-14	0%
Oxide16890	Oxide / Calcine oxide (Blend Lot #67)	8.0d	8.0d	02-Jul-14	02-Jul-14	14-Jul-14	14-Jul-14	0%
Oxide16900	Inventory Downtime (Blend Lot #67)	2.0d	2.0d	15-Jul-14	15-Jul-14	16-Jul-14	16-Jul-14	0%
Oxide12755	Complete and Verify Blend Sheet (Blend Lot #67)	2.0d	2.0d	16-Jul-14	16-Jul-14	21-Jul-14	21-Jul-14	0%
Oxide17090	Oxide / Calcine oxide (Blend Lot #68)	8.0d	8.0d	21-Jul-14	21-Jul-14	30-Jul-14	30-Jul-14	0%
Oxide17100	Inventory Downtime (Blend Lot #68)	2.0d	2.0d	30-Jul-14	30-Jul-14	04-Aug-14	04-Aug-14	0%
Oxide1475	Oxide / Calcine oxide (Blend Lot #69)	8.0d	8.0d	05-Aug-14	05-Aug-14	18-Aug-14	18-Aug-14	0%
Oxide1287	Inventory Downtime (Blend Lot #69)	2.0d	2.0d	18-Aug-14	18-Aug-14	19-Aug-14	19-Aug-14	0%
Oxide6975	Oxide / Calcine oxide (Blend Lot #70)	8.0d	8.0d	21-Aug-14	21-Aug-14	03-Sep-14	03-Sep-14	0%
Oxide1387	Inventory Downtime (Blend Lot #70)	2.0d	2.0d	03-Sep-14	03-Sep-14	08-Sep-14	08-Sep-14	0%
Oxide5875	Oxide / Calcine oxide (Blend Lot #71)	8.0d	8.0d	09-Sep-14	09-Sep-14	22-Sep-14	22-Sep-14	0%
Oxide1167	Inventory Downtime (Blend Lot #71)	2.0d	2.0d	22-Sep-14	22-Sep-14	23-Sep-14	23-Sep-14	0%
D1.02.01.D4.03_OP_S.01.03.1_DMO-3 Operability		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.03.2_DMO-3 Staffing		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.03.3_DMO-3 AET Efforts		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.04_Packaging		242.0d	191.0d	01-Oct-13	01-Oct-13	26-Sep-14	25-Sep-14	4.43%
Oxide22030	Maintain Controlled Storage for 3013 Containers FY14	241.1d	191.3d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.68%
Oxide19080	Perform ICAN Electrodecon Support	241.3d	191.3d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.73%
Oxide-MS480	M&S For ICAN Oxide Production FY14	242.0d	191.0d	01-Oct-13	01-Oct-13	26-Sep-14	25-Sep-14	21.07%
Oxide22010	Design RIPS Replacement Gripper and Automated Height Gau	160.0d	160.0d	13-Jan-14	13-Jan-14*	27-Aug-14	27-Aug-14	0%
Oxide10990	Return Recycle Oxide to Vault (Blend Lot #54)	2.0d	2.0d	16-Jan-14	16-Jan-14	22-Jan-14	22-Jan-14	0%
Oxide15180	Package oxide (Blend Lot #55)	10.0d	10.0d	27-Jan-14	27-Jan-14	10-Feb-14	10-Feb-14	0%
Oxide11480	Package oxide (Blend Lot #56)	10.0d	10.0d	13-Feb-14	13-Feb-14	03-Mar-14	03-Mar-14	0%
Oxide15190	Return Recycle Oxide to Vault (Blend Lot #55)	2.0d	2.0d	20-Feb-14	20-Feb-14	24-Feb-14	24-Feb-14	0%
Oxide12180	Package oxide (Blend Lot #57)	10.0d	10.0d	25-Feb-14	25-Feb-14	11-Mar-14	11-Mar-14	0%
Oxide10490	Return Recycle Oxide to Vault (Blend Lot #56)	2.0d	2.0d	12-Mar-14	12-Mar-14	13-Mar-14	13-Mar-14	0%
Oxide12270	Package oxide (Blend Lot #58)	10.0d	10.0d	12-Mar-14	12-Mar-14	26-Mar-14	26-Mar-14	0%
Oxide12190	Return Recycle Oxide to Vault (Blend Lot #57)	2.0d	2.0d	20-Mar-14	20-Mar-14	24-Mar-14	24-Mar-14	0%
Oxide13780	Package oxide (Blend Lot #59)	10.0d	10.0d	20-Mar-14	20-Mar-14	03-Apr-14	03-Apr-14	0%
Oxide13980	Package oxide (Blend Lot #60)	10.0d	10.0d	07-Apr-14	07-Apr-14	17-Apr-14	17-Apr-14	0%
Oxide11300	Return Recycle Oxide to Vault (Blend Lot #58)	2.0d	2.0d	07-Apr-14	07-Apr-14	08-Apr-14	08-Apr-14	0%
Oxide13790	Return Recycle Oxide to Vault (Blend Lot #59)	2.0d	2.0d	14-Apr-14	14-Apr-14	16-Apr-14	16-Apr-14	0%
Oxide16380	Package oxide (Blend Lot #61)	10.0d	10.0d	22-Apr-14	22-Apr-14	06-May-14	06-May-14	0%
Oxide13990	Return Recycle Oxide to Vault (Blend Lot #60)	2.0d	2.0d	05-May-14	05-May-14	06-May-14	06-May-14	0%
Oxide17980	Package oxide (Blend Lot #62)	10.0d	10.0d	06-May-14	06-May-14	20-May-14	20-May-14	0%
Oxide16390	Return Recycle Oxide to Vault (Blend Lot #61)	2.0d	2.0d	20-May-14	20-May-14	22-May-14	22-May-14	0%
Oxide27250	Perform Verification Weld Metalography #1	5.0d	5.0d	02-Jun-14	02-Jun-14*	05-Jun-14	05-Jun-14	0%
Oxide17990	Return Recycle Oxide to Vault (Blend Lot #62)	2.0d	2.0d	04-Jun-14	04-Jun-14	09-Jun-14	09-Jun-14	0%
Oxide16580	Package oxide (Blend Lot #63)	10.0d	10.0d	12-Jun-14	12-Jun-14	26-Jun-14	26-Jun-14	0%
Oxide16780	Package oxide (Blend Lot #64)	10.0d	10.0d	12-Jun-14	12-Jun-14	26-Jun-14	26-Jun-14	0%
Oxide18380	Package oxide (Blend Lot #65)	10.0d	10.0d	01-Jul-14	01-Jul-14	14-Jul-14	14-Jul-14	0%
Oxide16590	Return Recycle Oxide to Vault (Blend Lot #63)	2.0d	2.0d	10-Jul-14	10-Jul-14	14-Jul-14	14-Jul-14	0%
Oxide16790	Return Recycle Oxide to Vault (Blend Lot #64)	2.0d	2.0d	10-Jul-14	10-Jul-14	14-Jul-14	14-Jul-14	0%
Oxide15380	Package oxide (Blend Lot #66)	10.0d	10.0d	16-Jul-14	16-Jul-14	30-Jul-14	30-Jul-14	0%
Oxide18390	Return Recycle Oxide to Vault (Blend Lot #65)	2.0d	2.0d	29-Jul-14	29-Jul-14	30-Jul-14	30-Jul-14	0%
Oxide16980	Package oxide (Blend Lot #67)	10.0d	10.0d	04-Aug-14	04-Aug-14	18-Aug-14	18-Aug-14	0%
Oxide27260	Perform Verification Weld Metalography #2	5.0d	5.0d	11-Aug-14	11-Aug-14*	14-Aug-14	14-Aug-14	0%
Oxide15390	Return Recycle Oxide to Vault (Blend Lot #66)	2.0d	2.0d	13-Aug-14	13-Aug-14	18-Aug-14	18-Aug-14	0%



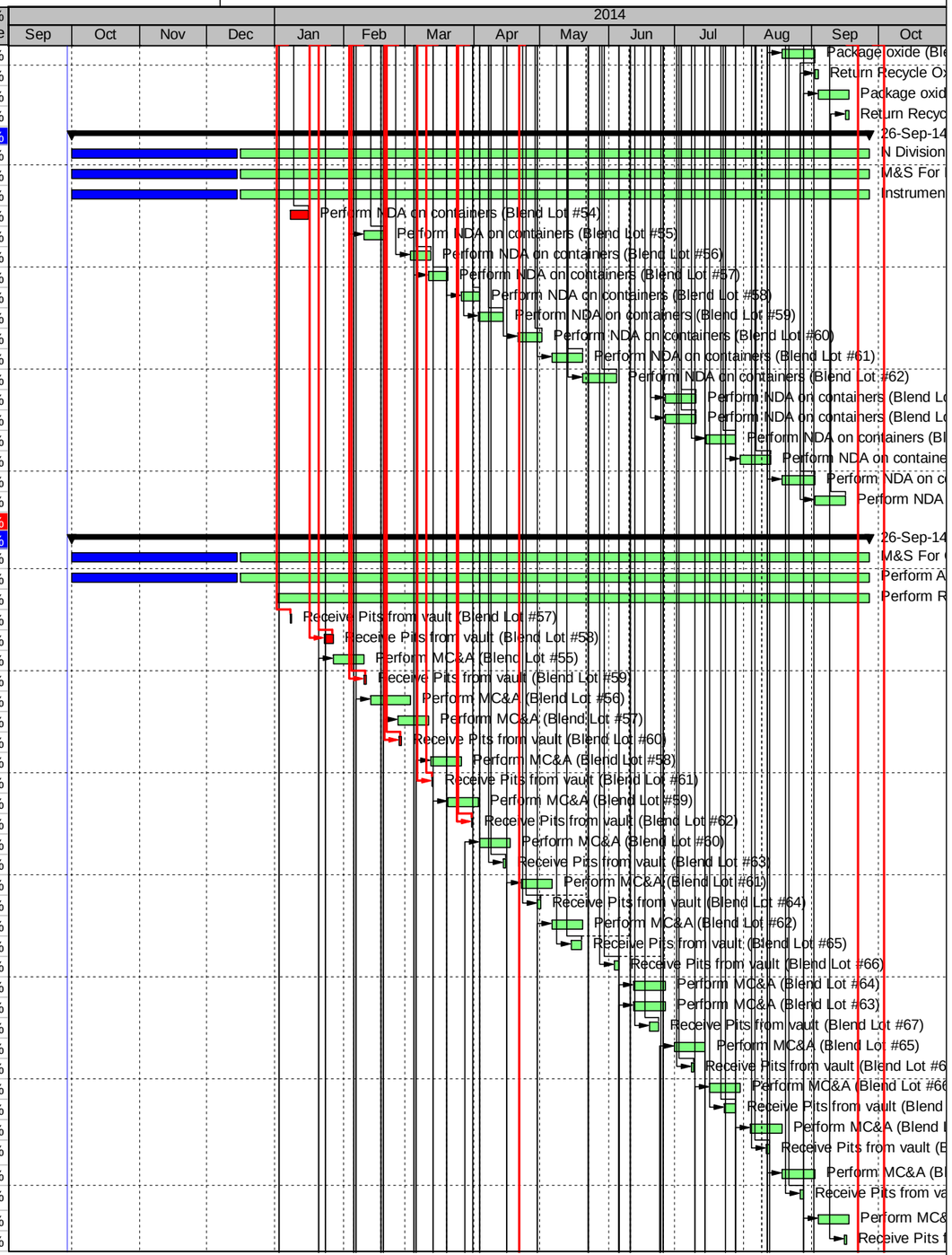
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

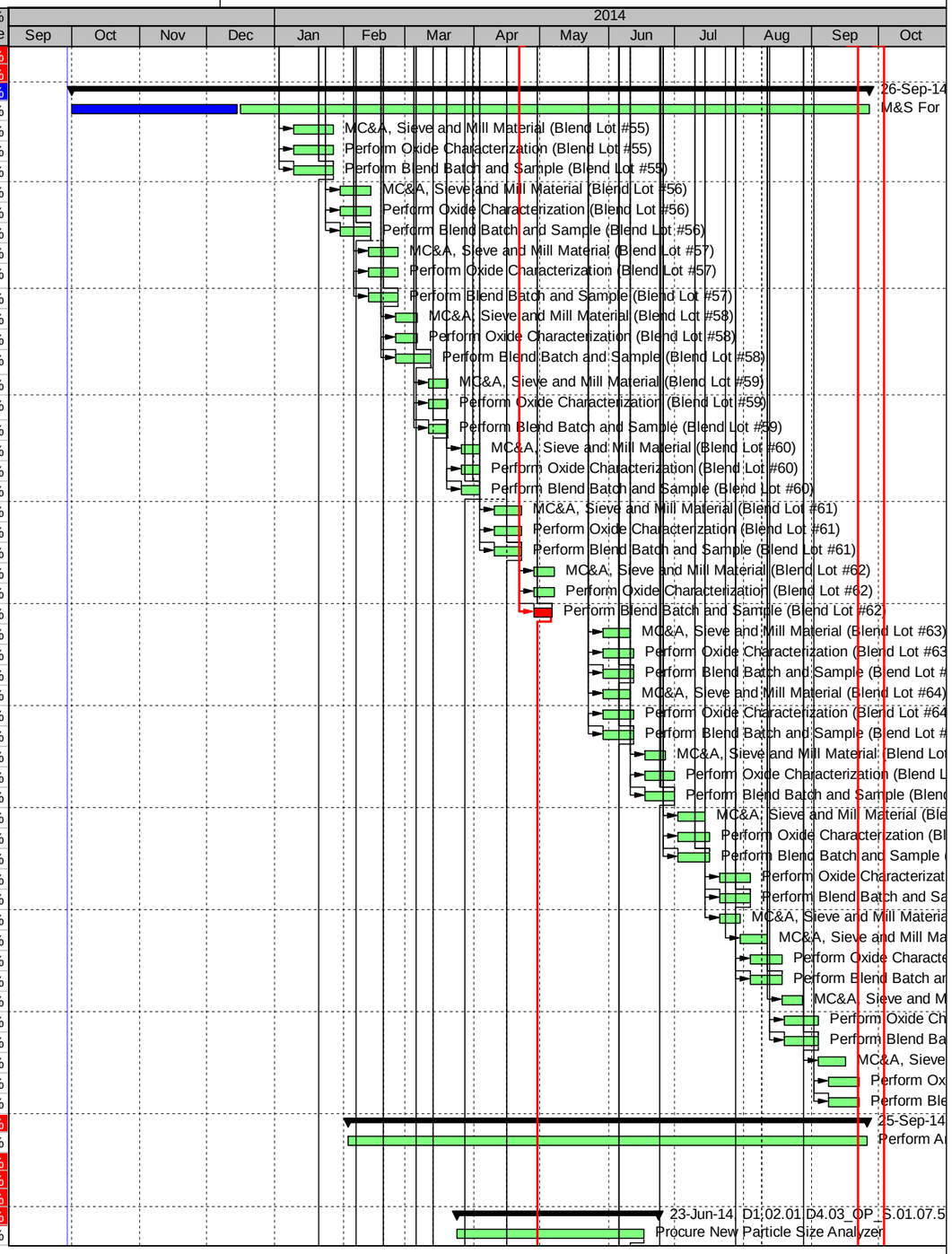
Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Oxide17180	Package oxide (Blend Lot #68)	10.0d	10.0d	18-Aug-14	18-Aug-14	02-Sep-14	02-Sep-14	0%
Oxide16990	Return Recycle Oxide to Vault (Blend Lot #67)	2.0d	2.0d	02-Sep-14	02-Sep-14	03-Sep-14	03-Sep-14	0%
Oxide1495	Package oxide (Blend Lot #69)	10.0d	10.0d	03-Sep-14	03-Sep-14	17-Sep-14	17-Sep-14	0%
Oxide17190	Return Recycle Oxide to Vault (Blend Lot #68)	2.0d	2.0d	16-Sep-14	16-Sep-14	17-Sep-14	17-Sep-14	0%
D1.02.01.D4.03_OP_S.01.05_Nondestructive Assay		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	3.78%
Oxide27580	N Division SME Maintenance Support	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide18890	M&S For NDA Oxide Production FY13	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide18930	Instrument Measurement Control for continued qualification of i	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide11215	Perform NDA on containers (Blend Lot #54)	7.0d	7.0d	08-Jan-14	08-Jan-14*	16-Jan-14	16-Jan-14	0%
Oxide15110	Perform NDA on containers (Blend Lot #55)	7.0d	7.0d	10-Feb-14	10-Feb-14	20-Feb-14	20-Feb-14	0%
Oxide11460	Perform NDA on containers (Blend Lot #56)	7.0d	7.0d	03-Mar-14	03-Mar-14	12-Mar-14	12-Mar-14	0%
Oxide12110	Perform NDA on containers (Blend Lot #57)	7.0d	7.0d	11-Mar-14	11-Mar-14	20-Mar-14	20-Mar-14	0%
Oxide9710	Perform NDA on containers (Blend Lot #58)	7.0d	7.0d	26-Mar-14	26-Mar-14	03-Apr-14	03-Apr-14	0%
Oxide13710	Perform NDA on containers (Blend Lot #59)	7.0d	7.0d	03-Apr-14	03-Apr-14	14-Apr-14	14-Apr-14	0%
Oxide13910	Perform NDA on containers (Blend Lot #60)	10.0d	10.0d	21-Apr-14	21-Apr-14	01-May-14	01-May-14	0%
Oxide16310	Perform NDA on containers (Blend Lot #61)	10.0d	10.0d	06-May-14	06-May-14	20-May-14	20-May-14	0%
Oxide17910	Perform NDA on containers (Blend Lot #62)	10.0d	10.0d	20-May-14	20-May-14	04-Jun-14	04-Jun-14	0%
Oxide16510	Perform NDA on containers (Blend Lot #63)	10.0d	10.0d	26-Jun-14	26-Jun-14	10-Jul-14	10-Jul-14	0%
Oxide16710	Perform NDA on containers (Blend Lot #64)	10.0d	10.0d	26-Jun-14	26-Jun-14	10-Jul-14	10-Jul-14	0%
Oxide18310	Perform NDA on containers (Blend Lot #65)	10.0d	10.0d	15-Jul-14	15-Jul-14	28-Jul-14	28-Jul-14	0%
Oxide15310	Perform NDA on containers (Blend Lot #66)	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide16910	Perform NDA on containers (Blend Lot #67)	10.0d	10.0d	18-Aug-14	18-Aug-14	02-Sep-14	02-Sep-14	0%
Oxide17110	Perform NDA on containers (Blend Lot #68)	10.0d	10.0d	02-Sep-14	02-Sep-14	16-Sep-14	16-Sep-14	0%
D1.02.01.D4.03_OP_S.01.05.3_NDA-Weekly Maintenance		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.06_Operations Management		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	8.64%
Oxide18970	M&S For Op Mgt Oxide Production FY14	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide18960	Perform Administrative Functions FY14	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide18940	Perform Rad Support FY14	187.0d	187.0d	02-Jan-14	02-Jan-14*	26-Sep-14	26-Sep-14	0%
Oxide12170	Receive Pits from vault (Blend Lot #57)	1.0d	1.0d	08-Jan-14	08-Jan-14*	08-Jan-14	08-Jan-14	0%
Oxide11550	Receive Pits from vault (Blend Lot #58)	1.0d	1.0d	23-Jan-14	23-Jan-14	27-Jan-14	27-Jan-14	0%
Oxide15120	Perform MC&A (Blend Lot #55)	10.0d	10.0d	27-Jan-14	27-Jan-14	10-Feb-14	10-Feb-14	0%
Oxide13770	Receive Pits from vault (Blend Lot #59)	1.0d	1.0d	10-Feb-14	10-Feb-14	11-Feb-14	11-Feb-14	0%
Oxide11470	Perform MC&A (Blend Lot #56)	10.0d	10.0d	13-Feb-14	13-Feb-14	03-Mar-14	03-Mar-14	0%
Oxide12120	Perform MC&A (Blend Lot #57)	10.0d	10.0d	25-Feb-14	25-Feb-14	11-Mar-14	11-Mar-14	0%
Oxide13970	Receive Pits from vault (Blend Lot #60)	1.0d	1.0d	26-Feb-14	26-Feb-14	27-Feb-14	27-Feb-14	0%
Oxide9720	Perform MC&A (Blend Lot #58)	10.0d	10.0d	12-Mar-14	12-Mar-14	26-Mar-14	26-Mar-14	0%
Oxide16370	Receive Pits from vault (Blend Lot #61)	1.0d	1.0d	13-Mar-14	13-Mar-14	13-Mar-14	13-Mar-14	0%
Oxide13720	Perform MC&A (Blend Lot #59)	10.0d	10.0d	20-Mar-14	20-Mar-14	03-Apr-14	03-Apr-14	0%
Oxide17970	Receive Pits from vault (Blend Lot #62)	1.0d	1.0d	31-Mar-14	31-Mar-14	31-Mar-14	31-Mar-14	0%
Oxide13920	Perform MC&A (Blend Lot #60)	10.0d	10.0d	03-Apr-14	03-Apr-14	17-Apr-14	17-Apr-14	0%
Oxide16570	Receive Pits from vault (Blend Lot #63)	1.0d	1.0d	14-Apr-14	14-Apr-14	15-Apr-14	15-Apr-14	0%
Oxide16320	Perform MC&A (Blend Lot #61)	10.0d	10.0d	22-Apr-14	22-Apr-14	06-May-14	06-May-14	0%
Oxide16770	Receive Pits from vault (Blend Lot #64)	2.0d	2.0d	29-Apr-14	29-Apr-14	01-May-14	01-May-14	0%
Oxide17920	Perform MC&A (Blend Lot #62)	10.0d	10.0d	06-May-14	06-May-14	20-May-14	20-May-14	0%
Oxide18370	Receive Pits from vault (Blend Lot #65)	2.0d	2.0d	15-May-14	15-May-14	19-May-14	19-May-14	0%
Oxide15370	Receive Pits from vault (Blend Lot #66)	2.0d	2.0d	03-Jun-14	03-Jun-14	05-Jun-14	05-Jun-14	0%
Oxide16720	Perform MC&A (Blend Lot #64)	10.0d	10.0d	12-Jun-14	12-Jun-14	26-Jun-14	26-Jun-14	0%
Oxide16520	Perform MC&A (Blend Lot #63)	10.0d	10.0d	12-Jun-14	12-Jun-14	26-Jun-14	26-Jun-14	0%
Oxide16970	Receive Pits from vault (Blend Lot #67)	2.0d	2.0d	19-Jun-14	19-Jun-14	23-Jun-14	23-Jun-14	0%
Oxide18320	Perform MC&A (Blend Lot #65)	10.0d	10.0d	30-Jun-14	30-Jun-14	14-Jul-14	14-Jul-14	0%
Oxide17170	Receive Pits from vault (Blend Lot #68)	2.0d	2.0d	08-Jul-14	08-Jul-14	09-Jul-14	09-Jul-14	0%
Oxide15320	Perform MC&A (Blend Lot #66)	10.0d	10.0d	16-Jul-14	16-Jul-14	30-Jul-14	30-Jul-14	0%
Oxide1485	Receive Pits from vault (Blend Lot #69)	2.0d	2.0d	23-Jul-14	23-Jul-14	28-Jul-14	28-Jul-14	0%
Oxide16920	Perform MC&A (Blend Lot #67)	10.0d	10.0d	04-Aug-14	04-Aug-14	18-Aug-14	18-Aug-14	0%
Oxide6985	Receive Pits from vault (Blend Lot #70)	2.0d	2.0d	11-Aug-14	11-Aug-14	12-Aug-14	12-Aug-14	0%
Oxide17120	Perform MC&A (Blend Lot #68)	10.0d	10.0d	18-Aug-14	18-Aug-14	02-Sep-14	02-Sep-14	0%
Oxide5885	Receive Pits from vault (Blend Lot #71)	2.0d	2.0d	26-Aug-14	26-Aug-14	28-Aug-14	28-Aug-14	0%
Oxide9200	Perform MC&A (Blend Lot #69)	10.0d	10.0d	03-Sep-14	03-Sep-14	17-Sep-14	17-Sep-14	0%
Oxide7035	Receive Pits from vault (Blend Lot #72)	2.0d	2.0d	15-Sep-14	15-Sep-14	16-Sep-14	16-Sep-14	0%



Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

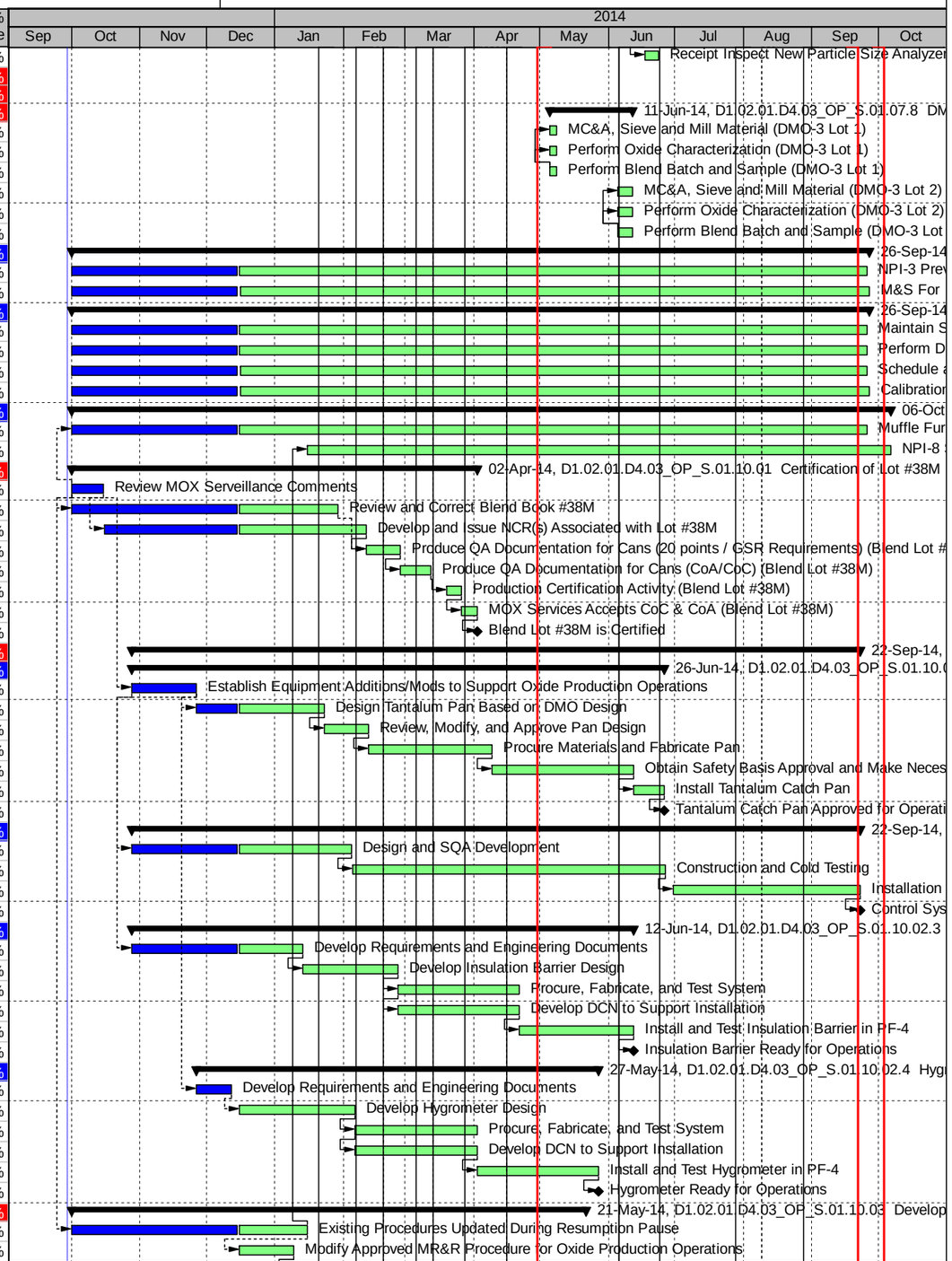
Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
D1.02.01.D4.03_OP_S.01.06.07_9975 Containers		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.06.1_Milestones		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.07_Pu Characterization		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	1.61%
Oxide19030	M&S For Pu Characterization FY13	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide15140	MC&A, Sieve and Mill Material (Blend Lot #55)	10.0d	10.0d	09-Jan-14	09-Jan-14	27-Jan-14	27-Jan-14	0%
Oxide15150	Perform Oxide Characterization (Blend Lot #55)	10.0d	10.0d	09-Jan-14	09-Jan-14	27-Jan-14	27-Jan-14	0%
Oxide15160	Perform Blend Batch and Sample (Blend Lot #55)	10.0d	10.0d	09-Jan-14	09-Jan-14	27-Jan-14	27-Jan-14	0%
Oxide11185	MC&A, Sieve and Mill Material (Blend Lot #56)	10.0d	10.0d	30-Jan-14	30-Jan-14	13-Feb-14	13-Feb-14	0%
Oxide11150	Perform Oxide Characterization (Blend Lot #56)	10.0d	10.0d	30-Jan-14	30-Jan-14	13-Feb-14	13-Feb-14	0%
Oxide11160	Perform Blend Batch and Sample (Blend Lot #56)	10.0d	10.0d	30-Jan-14	30-Jan-14	13-Feb-14	13-Feb-14	0%
Oxide12140	MC&A, Sieve and Mill Material (Blend Lot #57)	8.0d	8.0d	12-Feb-14	12-Feb-14	25-Feb-14	25-Feb-14	0%
Oxide12150	Perform Oxide Characterization (Blend Lot #57)	8.0d	8.0d	12-Feb-14	12-Feb-14	25-Feb-14	25-Feb-14	0%
Oxide12160	Perform Blend Batch and Sample (Blend Lot #57)	8.0d	8.0d	12-Feb-14	12-Feb-14	25-Feb-14	25-Feb-14	0%
Oxide9740	MC&A, Sieve and Mill Material (Blend Lot #58)	8.0d	8.0d	24-Feb-14	24-Feb-14	06-Mar-14	06-Mar-14	0%
Oxide10530	Perform Oxide Characterization (Blend Lot #58)	8.0d	8.0d	24-Feb-14	24-Feb-14	06-Mar-14	06-Mar-14	0%
Oxide11540	Perform Blend Batch and Sample (Blend Lot #58)	12.0d	12.0d	24-Feb-14	24-Feb-14	12-Mar-14	12-Mar-14	0%
Oxide13740	MC&A, Sieve and Mill Material (Blend Lot #59)	7.0d	7.0d	11-Mar-14	11-Mar-14	20-Mar-14	20-Mar-14	0%
Oxide13750	Perform Oxide Characterization (Blend Lot #59)	7.0d	7.0d	11-Mar-14	11-Mar-14	20-Mar-14	20-Mar-14	0%
Oxide13760	Perform Blend Batch and Sample (Blend Lot #59)	7.0d	7.0d	11-Mar-14	11-Mar-14	20-Mar-14	20-Mar-14	0%
Oxide13940	MC&A, Sieve and Mill Material (Blend Lot #60)	7.0d	7.0d	26-Mar-14	26-Mar-14	03-Apr-14	03-Apr-14	0%
Oxide13950	Perform Oxide Characterization (Blend Lot #60)	7.0d	7.0d	26-Mar-14	26-Mar-14	03-Apr-14	03-Apr-14	0%
Oxide13960	Perform Blend Batch and Sample (Blend Lot #60)	7.0d	7.0d	26-Mar-14	26-Mar-14	03-Apr-14	03-Apr-14	0%
Oxide16340	MC&A, Sieve and Mill Material (Blend Lot #61)	8.0d	8.0d	10-Apr-14	10-Apr-14	22-Apr-14	22-Apr-14	0%
Oxide16350	Perform Oxide Characterization (Blend Lot #61)	8.0d	8.0d	10-Apr-14	10-Apr-14	22-Apr-14	22-Apr-14	0%
Oxide16360	Perform Blend Batch and Sample (Blend Lot #61)	8.0d	8.0d	10-Apr-14	10-Apr-14	22-Apr-14	22-Apr-14	0%
Oxide17940	MC&A, Sieve and Mill Material (Blend Lot #62)	8.0d	8.0d	28-Apr-14	28-Apr-14	07-May-14	07-May-14	0%
Oxide17950	Perform Oxide Characterization (Blend Lot #62)	8.0d	8.0d	28-Apr-14	28-Apr-14	07-May-14	07-May-14	0%
Oxide17960	Perform Blend Batch and Sample (Blend Lot #62)	7.0d	7.0d	28-Apr-14	28-Apr-14	06-May-14	06-May-14	0%
Oxide16540	MC&A, Sieve and Mill Material (Blend Lot #63)	8.0d	8.0d	29-May-14	29-May-14	10-Jun-14	10-Jun-14	0%
Oxide16550	Perform Oxide Characterization (Blend Lot #63)	10.0d	10.0d	29-May-14	29-May-14	12-Jun-14	12-Jun-14	0%
Oxide16560	Perform Blend Batch and Sample (Blend Lot #63)	10.0d	10.0d	29-May-14	29-May-14	12-Jun-14	12-Jun-14	0%
Oxide16740	MC&A, Sieve and Mill Material (Blend Lot #64)	8.0d	8.0d	29-May-14	29-May-14	10-Jun-14	10-Jun-14	0%
Oxide16750	Perform Oxide Characterization (Blend Lot #64)	10.0d	10.0d	29-May-14	29-May-14	12-Jun-14	12-Jun-14	0%
Oxide16760	Perform Blend Batch and Sample (Blend Lot #64)	10.0d	10.0d	29-May-14	29-May-14	12-Jun-14	12-Jun-14	0%
Oxide18340	MC&A, Sieve and Mill Material (Blend Lot #65)	8.0d	8.0d	17-Jun-14	17-Jun-14	26-Jun-14	26-Jun-14	0%
Oxide18350	Perform Oxide Characterization (Blend Lot #65)	10.0d	10.0d	17-Jun-14	17-Jun-14	30-Jun-14	30-Jun-14	0%
Oxide18360	Perform Blend Batch and Sample (Blend Lot #65)	10.0d	10.0d	17-Jun-14	17-Jun-14	30-Jun-14	30-Jun-14	0%
Oxide15340	MC&A, Sieve and Mill Material (Blend Lot #66)	8.0d	8.0d	02-Jul-14	02-Jul-14	14-Jul-14	14-Jul-14	0%
Oxide15350	Perform Oxide Characterization (Blend Lot #66)	10.0d	10.0d	02-Jul-14	02-Jul-14	16-Jul-14	16-Jul-14	0%
Oxide15360	Perform Blend Batch and Sample (Blend Lot #66)	10.0d	10.0d	02-Jul-14	02-Jul-14	16-Jul-14	16-Jul-14	0%
Oxide16950	Perform Oxide Characterization (Blend Lot #67)	10.0d	10.0d	21-Jul-14	21-Jul-14	04-Aug-14	04-Aug-14	0%
Oxide16960	Perform Blend Batch and Sample (Blend Lot #67)	10.0d	10.0d	21-Jul-14	21-Jul-14	04-Aug-14	04-Aug-14	0%
Oxide16940	MC&A, Sieve and Mill Material (Blend Lot #67)	8.0d	8.0d	21-Jul-14	21-Jul-14	30-Jul-14	30-Jul-14	0%
Oxide17140	MC&A, Sieve and Mill Material (Blend Lot #68)	8.0d	8.0d	30-Jul-14	30-Jul-14	11-Aug-14	11-Aug-14	0%
Oxide17150	Perform Oxide Characterization (Blend Lot #68)	10.0d	10.0d	04-Aug-14	04-Aug-14	18-Aug-14	18-Aug-14	0%
Oxide17160	Perform Blend Batch and Sample (Blend Lot #68)	10.0d	10.0d	04-Aug-14	04-Aug-14	18-Aug-14	18-Aug-14	0%
Oxide1296	MC&A, Sieve and Mill Material (Blend Lot #69)	8.0d	8.0d	18-Aug-14	18-Aug-14	27-Aug-14	27-Aug-14	0%
Oxide2212	Perform Oxide Characterization (Blend Lot #69)	10.0d	10.0d	19-Aug-14	19-Aug-14	03-Sep-14	03-Sep-14	0%
Oxide9210	Perform Blend Batch and Sample (Blend Lot #69)	10.0d	10.0d	19-Aug-14	19-Aug-14	03-Sep-14	03-Sep-14	0%
Oxide1396	MC&A, Sieve and Mill Material (Blend Lot #70)	8.0d	8.0d	03-Sep-14	03-Sep-14	16-Sep-14	16-Sep-14	0%
Oxide2412	Perform Oxide Characterization (Blend Lot #70)	10.0d	10.0d	08-Sep-14	08-Sep-14	22-Sep-14	22-Sep-14	0%
Oxide10010	Perform Blend Batch and Sample (Blend Lot #70)	10.0d	10.0d	08-Sep-14	08-Sep-14	22-Sep-14	22-Sep-14	0%
D1.02.01.D4.03_OP_S.01.07.1_Sample Analysis by SEM (MST-16)		165.0d	165.0d	03-Feb-14	03-Feb-14	25-Sep-14	25-Sep-14	0%
Oxide17520	Perform Analysis on Three Samples with SEM	166.3d	166.3d	03-Feb-14	03-Feb-14*	25-Sep-14	25-Sep-14	0%
D1.02.01.D4.03_OP_S.01.07.2_Replace Surface Area Analyzer		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.07.3_D&D of Old Mill and Furnace		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.07.4_Install Handheld XRF		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.07.5_Purchase New Particle Size Analyzer		65.0d	65.0d	24-Mar-14	24-Mar-14	23-Jun-14	23-Jun-14	0%
Oxide26540	Procure New Particle Size Analyzer	60.0d	60.0d	24-Mar-14	24-Mar-14*	16-Jun-14	16-Jun-14	0%



FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Oxide26580	Receipt Inspect New Particle Size Analyzer	5.0d	5.0d	17-Jun-14	17-Jun-14	23-Jun-14	23-Jun-14	0%
D1.02.01.D4.03_OP_S.01.07.6 Install Microscope		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.07.7 General Cold Lab Work		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.07.8 DMO-3 Lot Processing		27.0d	27.0d	05-May-14	05-May-14	11-Jun-14	11-Jun-14	0%
Oxide17060	MC&A, Sieve and Mill Material (DMO-3 Lot 1)	5.0d	5.0d	05-May-14	05-May-14	08-May-14	08-May-14	0%
Oxide17070	Perform Oxide Characterization (DMO-3 Lot 1)	5.0d	5.0d	05-May-14	05-May-14	08-May-14	08-May-14	0%
Oxide27080	Perform Blend Batch and Sample (DMO-3 Lot 1)	5.0d	5.0d	05-May-14	05-May-14*	08-May-14	08-May-14	0%
Oxide27090	MC&A, Sieve and Mill Material (DMO-3 Lot 2)	5.0d	5.0d	05-Jun-14	05-Jun-14	11-Jun-14	11-Jun-14	0%
Oxide27100	Perform Oxide Characterization (DMO-3 Lot 2)	5.0d	5.0d	05-Jun-14	05-Jun-14	11-Jun-14	11-Jun-14	0%
Oxide27110	Perform Blend Batch and Sample (DMO-3 Lot 2)	5.0d	5.0d	05-Jun-14	05-Jun-14*	11-Jun-14	11-Jun-14	0%
D1.02.01.D4.03_OP_S.01.08 Preventive Equipment Maintenance		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.68%
A7080	NPI-3 Preventive Maintenance Activities - FY14	241.1d	191.3d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.68%
Oxide19070	M&S For Preventive Equipment Maintenance FY14	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
D1.02.01.D4.03_OP_S.01.09 Production Planning and Control		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.75%
NPI2-12	Maintain Shop Floor and Manage M&TE, Spares, and Storage	241.1d	191.3d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.68%
NPI2-13	Perform Data Certification	241.1d	191.3d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.68%
NPI2-11	Schedule and Manage Production Controls Activities	242.0d	191.0d	01-Oct-13	01-Oct-13	26-Sep-14	25-Sep-14	21.07%
NPI2-14	Calibration Laboratory Recharge	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
D1.02.01.D4.03_OP_S.01.10 Muffle Furnace - Production Capability		247.5d	197.5d	01-Oct-13	01-Oct-13	25-Sep-14	06-Oct-14	9.46%
Oxide28400	Muffle Furnace FLMs	242.0d	191.3d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.97%
Oxide28760	NPI-8 Support and Consumables/Procurements	182.5d	182.5d	07-Jan-14	15-Jan-14	25-Sep-14	06-Oct-14	0%
D1.02.01.D4.03_OP_S.01.10.01 Certification of Lot #38M		117.9d	67.9d	01-Oct-13	01-Oct-13	06-Mar-14	02-Apr-14	0%
Oxide12235	Review MOX Serveillance Comments	10.0d	0.0d	01-Oct-13	01-Oct-13	15-Oct-13	15-Oct-13	100%
Oxide28440	Review and Correct Blend Book #38M	55.0d	23.1d	01-Oct-13	01-Oct-13	19-Dec-13	29-Jan-14	58%
Oxide28430	Develop and Issue NCR(s) Associated with Lot #38M	62.0d	32.2d	16-Oct-13	16-Oct-13	15-Jan-14	11-Feb-14	48%
Oxide12250	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	16-Jan-14	11-Feb-14	30-Jan-14	26-Feb-14	0%
Oxide12260	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #3	10.0d	10.0d	03-Feb-14	26-Feb-14	13-Feb-14	12-Mar-14	0%
Oxide28420	Production Certification Activity (Blend Lot #38M)	5.0d	5.0d	24-Feb-14	19-Mar-14	28-Feb-14	26-Mar-14	0%
Oxide12275	MOX Services Accepts CoC & CoA (Blend Lot #38M)	5.0d	5.0d	03-Mar-14	26-Mar-14	06-Mar-14	02-Apr-14	0%
Oxide28450	Blend Lot #38M is Certified	0.0d	0.0d			06-Mar-14	02-Apr-14	0%
D1.02.01.D4.03_OP_S.01.10.02 Equipment Upgrades		220.0d	188.0d	01-Oct-13	28-Oct-13	25-Sep-14	22-Sep-14	12.88%
D1.02.01.D4.03_OP_S.01.10.02.1 Tantalum Catch Pan		159.2d	127.2d	01-Oct-13	28-Oct-13	08-May-14	26-Jun-14	8.8%
Oxide2841	Establish Equipment Additions/Mods to Support Oxide Producti	8.0d	0.0d	01-Oct-13	28-Oct-13	10-Oct-13	26-Nov-13	100%
Oxide284(	Design Tantalum Pan Based on DMO Design	28.0d	19.6d	10-Oct-13	26-Nov-13	21-Nov-13	23-Jan-14	30%
Oxide2847	Review, Modify, and Approve Pan Design	14.0d	14.0d	21-Nov-13	23-Jan-14	12-Dec-13	12-Feb-14	0%
Oxide284(	Procure Materials and Fabricate Pan	38.0d	38.0d	16-Dec-13	12-Feb-14	20-Feb-14	09-Apr-14	0%
Oxide284(	Obtain Safety Basis Approval and Make Necessary TSR/ISI/AB	45.0d	45.0d	20-Feb-14	09-Apr-14	24-Apr-14	12-Jun-14	0%
Oxide285(	Install Tantalum Catch Pan	10.0d	10.0d	24-Apr-14	12-Jun-14	08-May-14	26-Jun-14	0%
Oxide2851	Tantalum Catch Pan Approved for Operations	0.0d	0.0d			08-May-14	26-Jun-14	0%
D1.02.01.D4.03_OP_S.01.10.02.2 Control System Upgrade		220.0d	188.0d	01-Oct-13	28-Oct-13	25-Sep-14	22-Sep-14	14.44%
Oxide2852	Design and SQA Development	55.0d	27.5d	01-Oct-13	28-Oct-13	30-Jan-14	04-Feb-14	50%
Oxide2854	Construction and Cold Testing	100.0d	100.0d	03-Feb-14	05-Feb-14	30-Jun-14	26-Jun-14	0%
Oxide2855	Installation	60.0d	60.0d	30-Jun-14	30-Jun-14	25-Sep-14	22-Sep-14	0%
Oxide2856	Control System Ready for Operations	0.0d	0.0d			25-Sep-14	22-Sep-14	0%
D1.02.01.D4.03_OP_S.01.10.02.3 Insulation Barrier		149.5d	117.5d	10-Oct-13	28-Oct-13	08-May-14	12-Jun-14	8.5%
Oxide2857	Develop Requirements and Engineering Documents	30.0d	12.0d	10-Oct-13	28-Oct-13	26-Nov-13	13-Jan-14	60%
Oxide2858	Develop Insulation Barrier Design	29.0d	29.0d	26-Nov-13	13-Jan-14	21-Jan-14	25-Feb-14	0%
Oxide2859	Procure, Fabricate, and Test System	38.0d	38.0d	21-Jan-14	25-Feb-14	17-Mar-14	21-Apr-14	0%
Oxide2860	Develop DCN to Support Installation	38.0d	38.0d	21-Jan-14	25-Feb-14	17-Mar-14	21-Apr-14	0%
Oxide2861	Install and Test Insulation Barrier in PF-4	38.0d	38.0d	18-Mar-14	21-Apr-14	08-May-14	12-Jun-14	0%
Oxide2862	Insulation Barrier Ready for Operations	0.0d	0.0d			08-May-14	12-Jun-14	0%
D1.02.01.D4.03_OP_S.01.10.02.4 Hygrometer		117.6d	106.0d	10-Oct-13	26-Nov-13	08-May-14	27-May-14	20.98%
Oxide2863	Develop Requirements and Engineering Documents	30.0d	0.0d	10-Oct-13	26-Nov-13	26-Nov-13	12-Dec-13	100%
Oxide2864	Develop Hygrometer Design	29.0d	29.0d	26-Nov-13	16-Dec-13	21-Jan-14	06-Feb-14	0%
Oxide2865	Procure, Fabricate, and Test System	38.0d	38.0d	21-Jan-14	06-Feb-14	17-Mar-14	02-Apr-14	0%
Oxide2866	Develop DCN to Support Installation	38.0d	38.0d	21-Jan-14	06-Feb-14	17-Mar-14	02-Apr-14	0%
Oxide2867	Install and Test Hygrometer in PF-4	38.0d	38.0d	18-Mar-14	02-Apr-14	08-May-14	27-May-14	0%
Oxide2868	Hygrometer Ready for Operations	0.0d	0.0d			08-May-14	27-May-14	0%
D1.02.01.D4.03_OP_S.01.10.03 Develop Oxide Production Procedure		152.7d	102.7d	01-Oct-13	01-Oct-13	16-Jun-14	21-May-14	20%
Oxide28750	Existing Procedures Updated During Resumption Pause	58.0d	14.5d	01-Oct-13	01-Oct-13	07-Jan-14	15-Jan-14	75%
Oxide28690	Modify Approved MR&R Procedure for Oxide Production Opera	19.0d	10.4d	07-Jan-14	16-Dec-13	04-Feb-14	09-Jan-14	45%



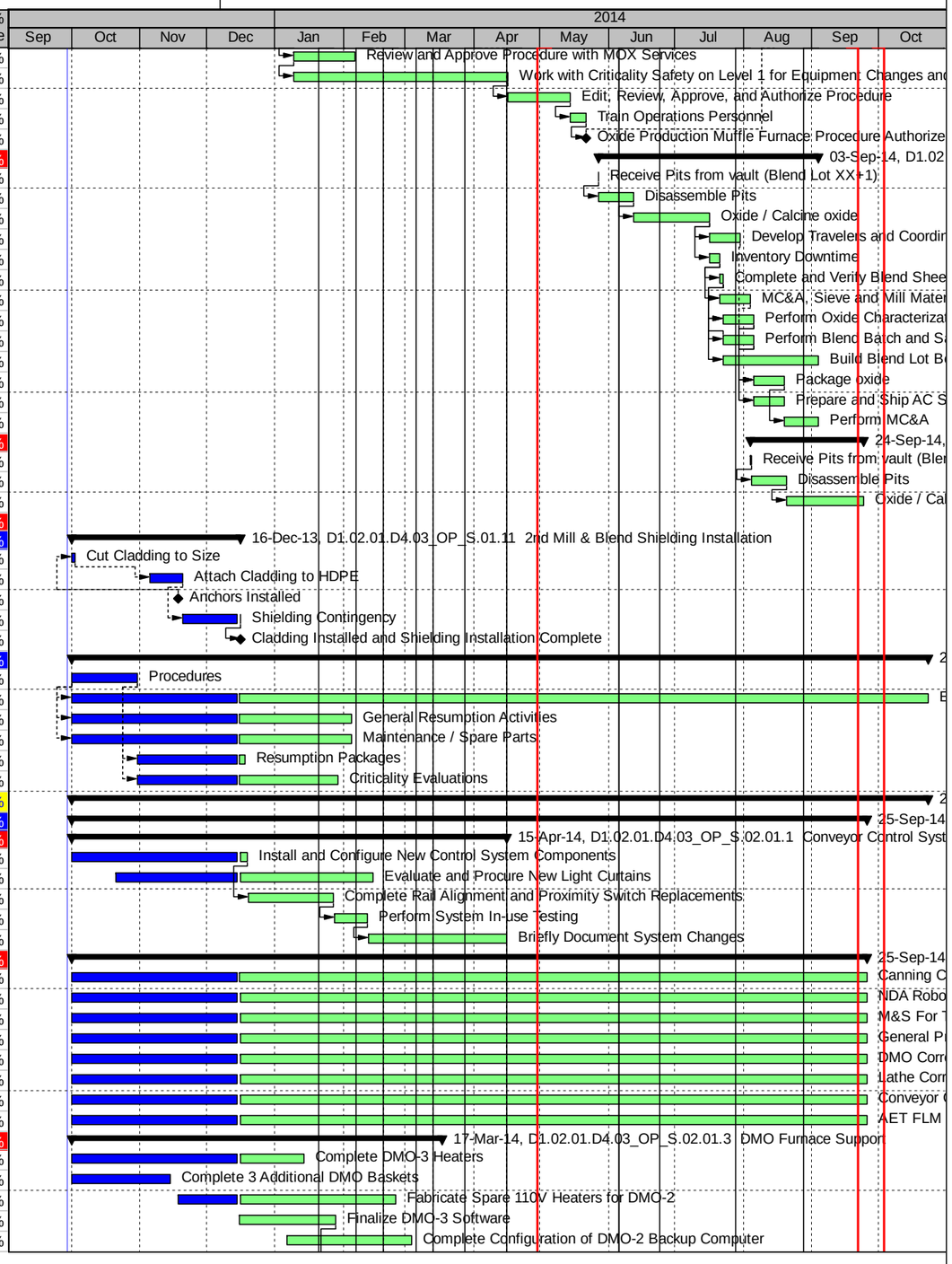
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original Duration	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Oxide28700	Review and Approve Procedure with MOX Services	19.0d	19.0d	04-Feb-14	09-Jan-14	04-Mar-14	06-Feb-14	0%
Oxide28710	Work with Criticality Safety on Level 1 for Equipment Changes	66.0d	66.0d	04-Feb-14	09-Jan-14	08-May-14	16-Apr-14	0%
Oxide28720	Edit, Review, Approve, and Authorize Procedure	20.8d	20.8d	08-May-14	16-Apr-14	09-Jun-14	14-May-14	0%
Oxide28730	Train Operations Personnel	5.0d	5.0d	10-Jun-14	14-May-14	16-Jun-14	21-May-14	0%
Oxide28740	Oxide Production Muffle Furnace Procedure Authorized for Ope	0.0d	0.0d			16-Jun-14	21-May-14	0%
D1.02.01.D4.03_OP_S.01.10.04 Certification of Lot XX+1		69.8d	69.8d	27-May-14	27-May-14	03-Sep-14	03-Sep-14	0%
Oxide33480	Receive Pits from vault (Blend Lot XX+1)	1.0d	1.0d	27-May-14	27-May-14*	27-May-14	27-May-14	0%
Oxide33400	Disassemble Pits	12.0d	12.0d	27-May-14	27-May-14	12-Jun-14	12-Jun-14	0%
Oxide33410	Oxide / Calcine oxide	24.0d	24.0d	12-Jun-14	12-Jun-14	16-Jul-14	16-Jul-14	0%
Oxide33415	Develop Travelers and Coordinate Work Sheets / Process Book	10.0d	10.0d	16-Jul-14	16-Jul-14	30-Jul-14	30-Jul-14	0%
Oxide33550	Inventory Downtime	2.0d	2.0d	16-Jul-14	16-Jul-14	21-Jul-14	21-Jul-14	0%
Oxide33430	Complete and Verify Blend Sheet	2.0d	2.0d	21-Jul-14	21-Jul-14	22-Jul-14	22-Jul-14	0%
Oxide33490	MC&A, Sieve and Mill Material	10.0d	10.0d	21-Jul-14	21-Jul-14	04-Aug-14	04-Aug-14	0%
Oxide33500	Perform Oxide Characterization	10.0d	10.0d	22-Jul-14	22-Jul-14	05-Aug-14	05-Aug-14	0%
Oxide33510	Perform Blend Batch and Sample	10.0d	10.0d	22-Jul-14	22-Jul-14	05-Aug-14	05-Aug-14	0%
Oxide33560	Build Blend Lot Books	30.0d	30.0d	22-Jul-14	22-Jul-14	03-Sep-14	03-Sep-14	0%
Oxide33440	Package oxide	10.0d	10.0d	05-Aug-14	05-Aug-14	19-Aug-14	19-Aug-14	0%
OxideACT01	Prepare and Ship AC Sample to SRS	10.0d	10.0d	05-Aug-14	05-Aug-14	19-Aug-14	19-Aug-14	0%
Oxide33470	Perform MC&A	10.0d	10.0d	19-Aug-14	19-Aug-14	03-Sep-14	03-Sep-14	0%
D1.02.01.D4.03_OP_S.01.10.05 Certification of Lot XX+2		36.5d	36.5d	04-Aug-14	04-Aug-14	24-Sep-14	24-Sep-14	0%
Oxide33640	Receive Pits from vault (Blend Lot XX+2)	1.0d	1.0d	04-Aug-14	04-Aug-14*	04-Aug-14	04-Aug-14	0%
Oxide33590	Disassemble Pits	12.0d	12.0d	04-Aug-14	04-Aug-14	20-Aug-14	20-Aug-14	0%
Oxide33600	Oxide / Calcine oxide	24.0d	24.0d	20-Aug-14	20-Aug-14	24-Sep-14	24-Sep-14	0%
D1.02.01.D4.03_OP_S.01.10.06 Certification of Lot XX+3		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.01.11 2nd Mill & Blend Shielding Installation		50.3d	0.3d	01-Oct-13	01-Oct-13	08-Oct-13	16-Dec-13	87.87%
Shield210	Cut Cladding to Size	2.0d	0.0d	01-Oct-13	01-Oct-13	02-Oct-13	02-Oct-13	100%
Shield220	Attach Cladding to HDPE	3.0d	0.0d	03-Oct-13	05-Nov-13	07-Oct-13	20-Nov-13	100%
Shield200	Anchors Installed	0.0d	0.0d			01-Oct-13	18-Nov-13	100%
Shield250	Shielding Contingency	1.0d	0.3d	08-Oct-13	20-Nov-13	08-Oct-13	16-Dec-13	75%
Shield900	Cladding Installed and Shielding Installation Complete	0.0d	0.0d			08-Oct-13	16-Dec-13	0%
D1.02.01.D4.03_OP_S.01.12 PF-4 Resumption		240.9d	210.0d	01-Oct-13	01-Oct-13	25-Sep-14	23-Oct-14	40.64%
Oxide33940	Procedures	22.0d	0.0d	01-Oct-13	01-Oct-13	31-Oct-13	31-Oct-13	100%
Oxide33990	Extended Resumption Activities	241.0d	210.0d	01-Oct-13	01-Oct-13	25-Sep-14	23-Oct-14	12.86%
Oxide33970	General Resumption Activities	58.0d	27.5d	01-Oct-13	01-Oct-13	07-Jan-14	04-Feb-14	52.59%
Oxide33980	Maintenance / Spare Parts	58.0d	27.5d	01-Oct-13	01-Oct-13	07-Jan-14	04-Feb-14	52.59%
Oxide33950	Resumption Packages	17.5d	3.8d	31-Oct-13	31-Oct-13	27-Nov-13	18-Dec-13	78.57%
Oxide33960	Criticality Evaluations	32.5d	23.8d	31-Oct-13	31-Oct-13	19-Dec-13	29-Jan-14	26.92%
D1.02.01.D4.03_OP_S.02 Engineering		260.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	14.05%
D1.02.01.D4.03_OP_S.02.01 Process Equipment Engineering Support		241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	19.18%
D1.02.01.D4.03_OP_S.02.01.1 Conveyor Control System Refurbishment		127.0d	77.0d	01-Oct-13	01-Oct-13	28-Feb-14	15-Apr-14	9.51%
Oxide26410	Install and Configure New Control System Components	22.0d	4.0d	01-Oct-13	01-Oct-13	31-Oct-13	19-Dec-13	10%
Oxide28300	Evaluate and Procure New Light Curtains	44.0d	35.2d	17-Dec-13	21-Oct-13	28-Feb-14	14-Feb-14	20%
Oxide28280	Complete Rail Alignment and Proximity Switch Replacements	18.0d	18.0d	01-Nov-13	20-Dec-13*	27-Nov-13	27-Jan-14	0%
Oxide28290	Perform System In-use Testing	11.0d	11.0d	02-Dec-13	28-Jan-14*	16-Dec-13	11-Feb-14	0%
Oxide28350	Briefly Document System Changes	44.0d	44.0d	17-Dec-13	12-Feb-14*	28-Feb-14	15-Apr-14	0%
D1.02.01.D4.03_OP_S.02.01.2 Corrective Maintenance and Engineering Su		241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.75%
Oxide28270	Canning Corrective Maintenance and Engineering Support	241.3d	191.3d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.73%
Oxide26240	NDA Robot Corrective Maintenance and Engineering Support	241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.75%
Oxide18720	M&S For Tech/Eng Support	241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.75%
Oxide18980	General Process Equipment Engineering Support	241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.75%
Oxide26260	DMO Corrective Maintenance and Engineering Support	241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.75%
Oxide26270	Lathe Corrective Maintenance and Engineering Support	241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.75%
Oxide26280	Conveyor Corrective Maintenance and Engineering Support	241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.75%
Oxide26450	AET FLM Support	241.0d	191.0d	01-Oct-13	01-Oct-13	25-Sep-14	25-Sep-14	20.75%
D1.02.01.D4.03_OP_S.02.01.3 DMO Furnace Support		106.0d	56.0d	01-Oct-13	01-Oct-13	03-Mar-14	17-Mar-14	21.14%
Oxide28310	Complete DMO-3 Heaters	22.0d	13.2d	01-Oct-13	01-Oct-13	31-Oct-13	14-Jan-14	40%
Oxide28330	Complete 3 Additional DMO Baskets	54.0d	0.0d	01-Oct-13	01-Oct-13	19-Dec-13	15-Nov-13	100%
Oxide28320	Fabricate Spare 110V Heaters for DMO-2	41.0d	41.0d	01-Nov-13	18-Nov-13	13-Jan-14	24-Feb-14	0%
DMO3-16.12	Finalize DMO-3 Software	22.0d	22.0d	01-Oct-13	16-Dec-13*	31-Oct-13	28-Jan-14	0%
Oxide28340	Complete Configuration of DMO-2 Backup Computer	39.0d	39.0d	06-Jan-14	06-Jan-14*	03-Mar-14	03-Mar-14	0%



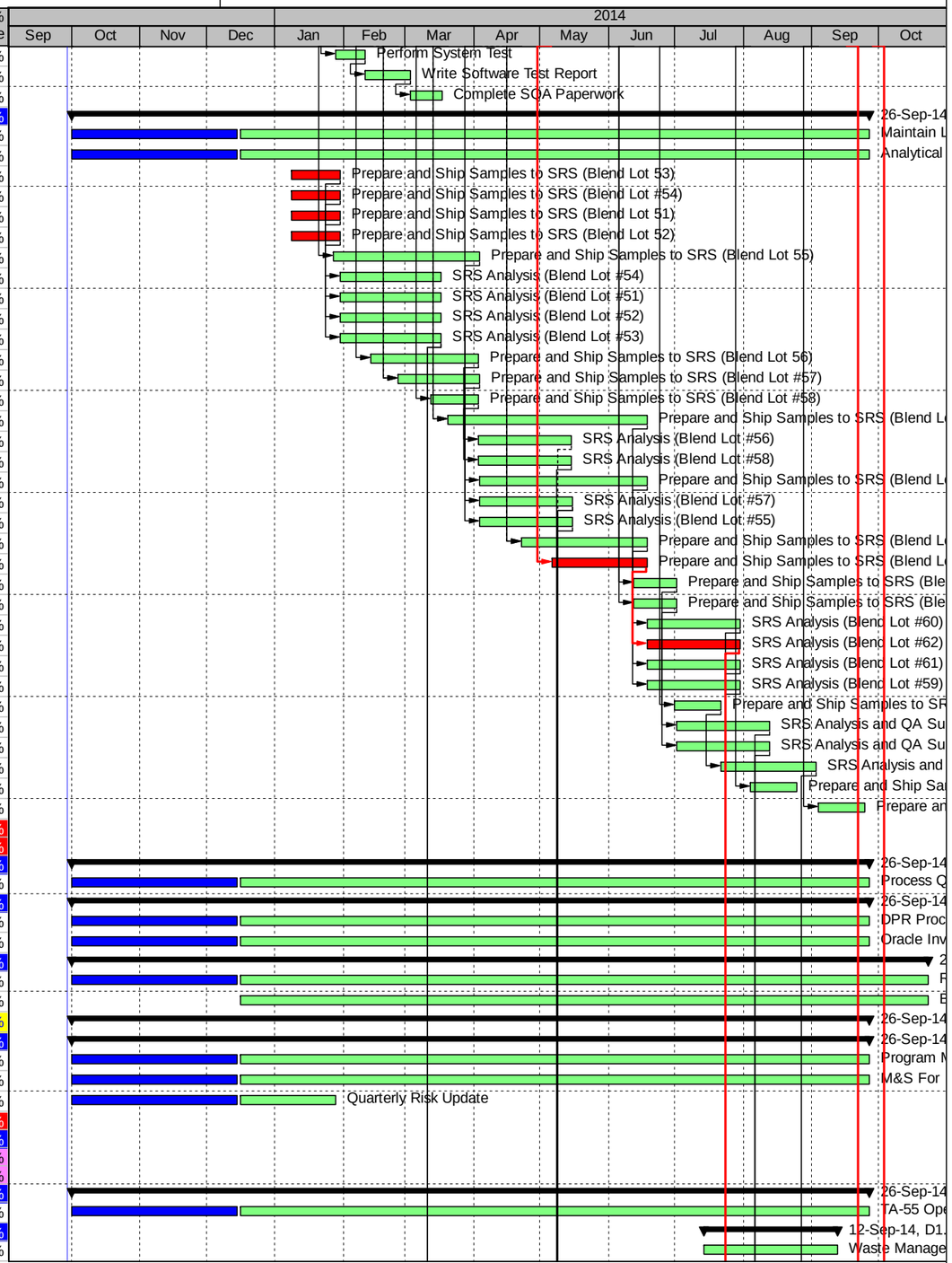
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
DMO3-16.22	Perform System Test	9.0d	9.0d	31-Oct-13	28-Jan-14	14-Nov-13	10-Feb-14	0%
DMO3-16.32	Write Software Test Report	13.0d	13.0d	14-Nov-13	10-Feb-14	05-Dec-13	03-Mar-14	0%
DMO3-16.42	Complete SQA Paperwork	10.9d	10.9d	05-Dec-13	03-Mar-14	19-Dec-13	17-Mar-14	0%
D1.02.01.D4.03_OP_S.02.02_Analytical Chemistry		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	14.2%
Oxide28380	Maintain LANL Analytical Chemistry Capability	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
OxideACT0163	Analytical Chemistry Oversight	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
OxideACT0165	Prepare and Ship Samples to SRS (Blend Lot 53)	15.0d	15.0d	08-Jan-14	08-Jan-14*	30-Jan-14	30-Jan-14	0%
OxideACT0175	Prepare and Ship Samples to SRS (Blend Lot #54)	15.0d	15.0d	08-Jan-14	08-Jan-14*	30-Jan-14	30-Jan-14	0%
OxideACT0185	Prepare and Ship Samples to SRS (Blend Lot 51)	15.0d	15.0d	08-Jan-14	08-Jan-14*	30-Jan-14	30-Jan-14	0%
OxideACT0195	Prepare and Ship Samples to SRS (Blend Lot 52)	15.0d	15.0d	08-Jan-14	08-Jan-14*	30-Jan-14	30-Jan-14	0%
OxideACT0155	Prepare and Ship Samples to SRS (Blend Lot 55)	48.0d	48.0d	27-Jan-14	27-Jan-14	03-Apr-14	03-Apr-14	0%
OxideACT0154b	SRS Analysis (Blend Lot #54)	30.0d	30.0d	30-Jan-14	30-Jan-14	17-Mar-14	17-Mar-14	0%
OxideACT0151b	SRS Analysis (Blend Lot #51)	30.0d	30.0d	30-Jan-14	30-Jan-14	17-Mar-14	17-Mar-14	0%
OxideACT0152b	SRS Analysis (Blend Lot #52)	30.0d	30.0d	30-Jan-14	30-Jan-14	17-Mar-14	17-Mar-14	0%
OxideACT0153b	SRS Analysis (Blend Lot #53)	30.0d	30.0d	30-Jan-14	30-Jan-14	17-Mar-14	17-Mar-14	0%
OxideACT0156	Prepare and Ship Samples to SRS (Blend Lot 56)	33.0d	33.0d	13-Feb-14	13-Feb-14	03-Apr-14	03-Apr-14	0%
OxideACT0157	Prepare and Ship Samples to SRS (Blend Lot #57)	28.0d	28.0d	25-Feb-14	25-Feb-14	03-Apr-14	03-Apr-14	0%
OxideACT0158	Prepare and Ship Samples to SRS (Blend Lot #58)	16.0d	16.0d	12-Mar-14	12-Mar-14	03-Apr-14	03-Apr-14	0%
OxideACT0159	Prepare and Ship Samples to SRS (Blend Lot #59)	63.0d	63.0d	20-Mar-14	20-Mar-14	18-Jun-14	18-Jun-14	0%
OxideACT0156b	SRS Analysis (Blend Lot #56)	30.0d	30.0d	03-Apr-14	03-Apr-14	15-May-14	15-May-14	0%
OxideACT0158b	SRS Analysis (Blend Lot #58)	30.0d	30.0d	03-Apr-14	03-Apr-14	15-May-14	15-May-14	0%
OxideACT0160	Prepare and Ship Samples to SRS (Blend Lot #60)	52.0d	52.0d	03-Apr-14	03-Apr-14	18-Jun-14	18-Jun-14	0%
OxideACT0157b	SRS Analysis (Blend Lot #57)	30.0d	30.0d	03-Apr-14	03-Apr-14	15-May-14	15-May-14	0%
OxideACT0155b	SRS Analysis (Blend Lot #55)	30.0d	30.0d	03-Apr-14	03-Apr-14	15-May-14	15-May-14	0%
OxideACT0161	Prepare and Ship Samples to SRS (Blend Lot #61)	40.0d	40.0d	22-Apr-14	22-Apr-14	18-Jun-14	18-Jun-14	0%
OxideACT0162	Prepare and Ship Samples to SRS (Blend Lot #62)	30.0d	30.0d	06-May-14	06-May-14	18-Jun-14	18-Jun-14	0%
OxideACT0164	Prepare and Ship Samples to SRS (Blend Lot #64)	13.0d	13.0d	12-Jun-14	12-Jun-14	01-Jul-14	01-Jul-14	0%
OxideACT0163	Prepare and Ship Samples to SRS (Blend Lot #63)	13.0d	13.0d	12-Jun-14	12-Jun-14	01-Jul-14	01-Jul-14	0%
OxideACT0160b	SRS Analysis (Blend Lot #60)	30.0d	30.0d	18-Jun-14	18-Jun-14	30-Jul-14	30-Jul-14	0%
OxideACT0162b	SRS Analysis (Blend Lot #62)	30.0d	30.0d	18-Jun-14	18-Jun-14	30-Jul-14	30-Jul-14	0%
OxideACT0161b	SRS Analysis (Blend Lot #61)	30.0d	30.0d	18-Jun-14	18-Jun-14	30-Jul-14	30-Jul-14	0%
OxideACT0159b	SRS Analysis (Blend Lot #59)	30.0d	30.0d	18-Jun-14	18-Jun-14	30-Jul-14	30-Jul-14	0%
Oxide27910	Prepare and Ship Samples to SRS (Blend Lot #64/65)	15.0d	15.0d	30-Jun-14	30-Jun-14	21-Jul-14	21-Jul-14	0%
OxideACT0164b	SRS Analysis and QA Support (Blend Lot #64)	30.0d	30.0d	01-Jul-14	01-Jul-14	12-Aug-14	12-Aug-14	0%
OxideACT0163b	SRS Analysis and QA Support (Blend Lot #63)	30.0d	30.0d	01-Jul-14	01-Jul-14	12-Aug-14	12-Aug-14	0%
Oxide27910a	SRS Analysis and QA Support (Blend Lot #64/65)	30.0d	30.0d	21-Jul-14	21-Jul-14	02-Sep-14	02-Sep-14	0%
Oxide15850	Prepare and Ship Samples to SRS (Blend Lot #66/67)	15.0d	15.0d	04-Aug-14	04-Aug-14	25-Aug-14	25-Aug-14	0%
Oxide15480	Prepare and Ship Samples to SRS (Blend Lot #68/69)	15.0d	15.0d	03-Sep-14	03-Sep-14	24-Sep-14	24-Sep-14	0%
D1.02.01.D4.03_OP_S.02.02.13_Oxide Production - Sample Preparation		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.02.02.14_Oxide Production - Analytical Chemistry		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.02.03_Process Qualification		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide28770	Process Qualification	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
D1.02.01.D4.03_OP_S.02.04_Warehousing/Procurement/Storage		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide27780	DPR Procurement Support	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide26610	Oracle Inventory Control/Inventory Accuracy Checks	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
D1.02.01.D4.03_OP_S.02.05_Spare Parts		260.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	8.64%
Spare1000	Receive Spare Parts	242.0d	210.0d	01-Oct-13	01-Oct-13	26-Sep-14	23-Oct-14	13.22%
Spare1010	Box Planning Package	210.0d	210.0d	18-Nov-13	16-Dec-13*	26-Sep-14	23-Oct-14	0%
D1.02.01.D4.03_OP_S.03_Program Management		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	18.13%
D1.02.01.D4.03_OP_S.03.01_Program Management		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	21.85%
Oxide29310	Program Management FY14	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide-MS260	M&S For Program Management FY14	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide29320	Quarterly Risk Update	55.0d	23.0d	01-Oct-13	01-Oct-13	20-Dec-13	28-Jan-14	58.18%
D1.02.01.D4.03_OP_S.03.01.08_Project Management		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.03.01.08.8_Closeout Activities		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.03.01.08.8.1_Closeout configuration manageme		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.03.01.08.8.2_Perform closeout		0.0d	0.0d					0%
D1.02.01.D4.03_OP_S.03.02_TA-55 Infrastructure		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
L42000XXBD10	TA-55 Operations, Management, Planning and Engineering FY:	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
D1.02.01.D4.03_OP_S.03.03_TA-54 Waste Management		44.0d	44.0d	14-Jul-14	14-Jul-14	12-Sep-14	12-Sep-14	0%
Oxide33320	Waste Management FY14	44.0d	44.0d	14-Jul-14	14-Jul-14*	12-Sep-14	12-Sep-14	0%



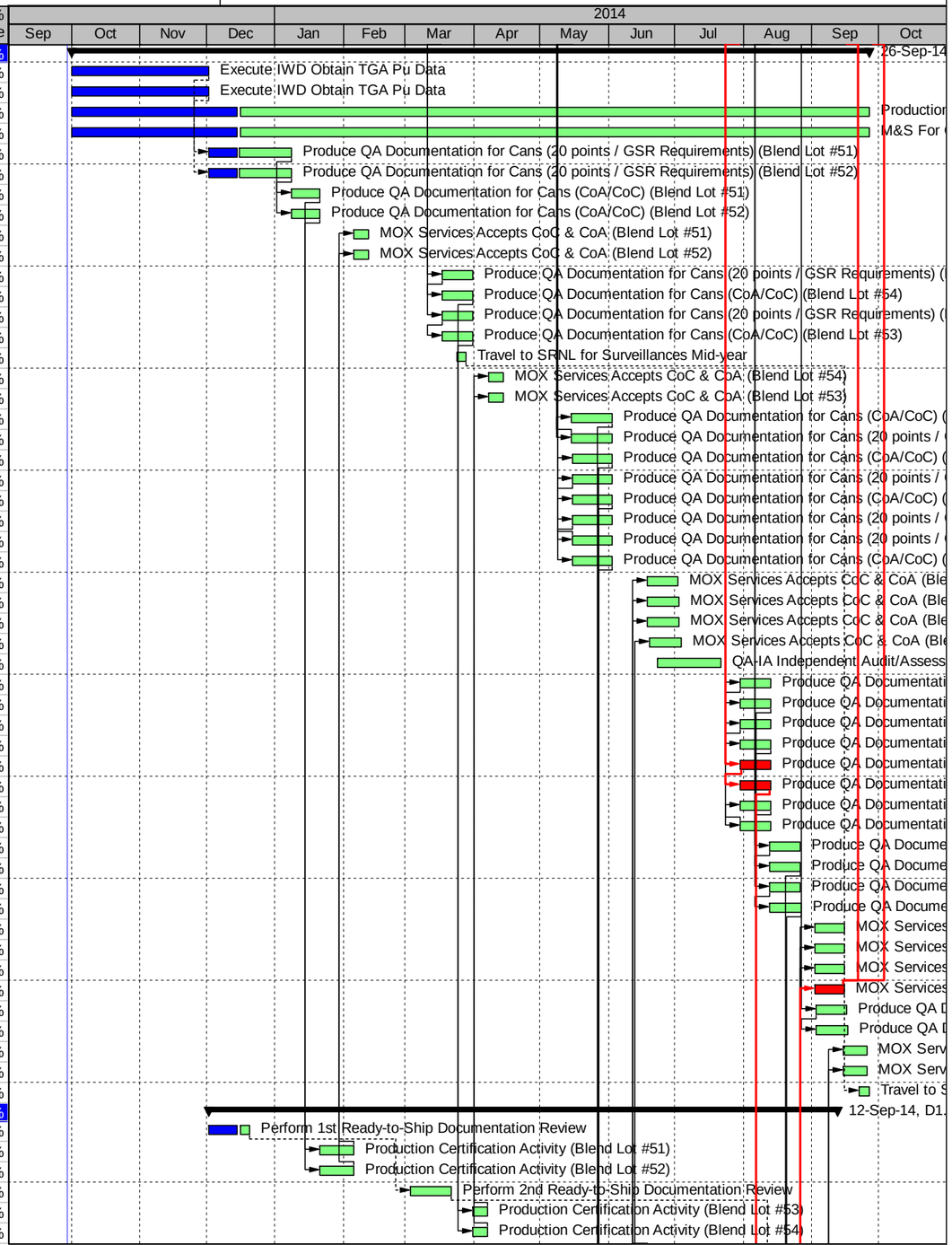
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
D1.02.01.D4.03_OP_S.03.04_Quality Assurance Support		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	12.87%
Oxide30775	Execute IWD Obtain TGA Pu Data	41.0d	0.0d	01-Oct-13	01-Oct-13	02-Dec-13	02-Dec-13	100%
Oxide33370	Execute IWD Obtain TGA Pu Data	41.0d	0.0d	01-Oct-13	01-Oct-13	02-Dec-13	02-Dec-13	100%
Oxide29620	Production QA Support FY14	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide29630	M&S For QAQC Oxide Production FY14	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide33351	Produce QA Documentation for Cans (20 points / GSR Require	19.0d	9.0d	02-Dec-13	02-Dec-13	08-Jan-14	08-Jan-14	52.63%
Oxide30780	Produce QA Documentation for Cans (20 points / GSR Require	19.0d	9.0d	02-Dec-13	02-Dec-13	08-Jan-14	08-Jan-14	52.63%
Oxide33361	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	8.0d	8.0d	09-Jan-14	08-Jan-14	22-Jan-14	21-Jan-14	0%
Oxide30800	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	8.0d	8.0d	09-Jan-14	08-Jan-14	22-Jan-14	21-Jan-14	0%
Oxide33380	MOX Services Accepts CoC & CoA (Blend Lot #51)	5.0d	5.0d	06-Feb-14	05-Feb-14	13-Feb-14	12-Feb-14	0%
Oxide30790	MOX Services Accepts CoC & CoA (Blend Lot #52)	5.0d	5.0d	06-Feb-14	05-Feb-14	13-Feb-14	12-Feb-14	0%
Oxide31040	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	17-Mar-14	17-Mar-14	31-Mar-14	31-Mar-14	0%
Oxide31060	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	10.0d	10.0d	17-Mar-14	17-Mar-14	31-Mar-14	31-Mar-14	0%
Oxide31560	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	17-Mar-14	17-Mar-14	31-Mar-14	31-Mar-14	0%
Oxide31610	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	10.0d	10.0d	17-Mar-14	17-Mar-14	31-Mar-14	31-Mar-14	0%
Oxide33210	Travel to SRNL for Surveillances Mid-year	5.0d	5.0d	24-Mar-14	24-Mar-14*	28-Mar-14	28-Mar-14	0%
Oxide31050	MOX Services Accepts CoC & CoA (Blend Lot #54)	5.0d	5.0d	07-Apr-14	07-Apr-14	14-Apr-14	14-Apr-14	0%
Oxide31570	MOX Services Accepts CoC & CoA (Blend Lot #53)	5.0d	5.0d	07-Apr-14	07-Apr-14	14-Apr-14	14-Apr-14	0%
Oxide30770	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	10.0d	10.0d	15-May-14	15-May-14	02-Jun-14	02-Jun-14	0%
Oxide31180	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	15-May-14	15-May-14	02-Jun-14	02-Jun-14	0%
Oxide29650	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	10.0d	10.0d	15-May-14	15-May-14	02-Jun-14	02-Jun-14	0%
Oxide31190	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	15-May-14	15-May-14	02-Jun-14	02-Jun-14	0%
Oxide31210	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	10.0d	10.0d	15-May-14	15-May-14	02-Jun-14	02-Jun-14	0%
Oxide32640	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	15-May-14	15-May-14	02-Jun-14	02-Jun-14	0%
Oxide32660	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	15-May-14	15-May-14	02-Jun-14	02-Jun-14	0%
Oxide32870	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	10.0d	10.0d	15-May-14	15-May-14	02-Jun-14	02-Jun-14	0%
Oxide30760	MOX Services Accepts CoC & CoA (Blend Lot #58)	10.0d	10.0d	18-Jun-14	18-Jun-14	02-Jul-14	02-Jul-14	0%
Oxide29640	MOX Services Accepts CoC & CoA (Blend Lot #57)	10.0d	10.0d	18-Jun-14	18-Jun-14	02-Jul-14	02-Jul-14	0%
Oxide32650	MOX Services Accepts CoC & CoA (Blend Lot #55)	10.0d	10.0d	18-Jun-14	18-Jun-14	02-Jul-14	02-Jul-14	0%
Oxide31200	MOX Services Accepts CoC & CoA (Blend Lot #56)	10.0d	10.0d	19-Jun-14	19-Jun-14	03-Jul-14	03-Jul-14	0%
Oxide31300	QA-IA Independent Audit/Assessment FY14	20.0d	20.0d	23-Jun-14	23-Jun-14*	21-Jul-14	21-Jul-14	0%
Oxide31580	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide31600	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #6	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide32050	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide32070	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #6	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide32610	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide32630	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #6	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide32010	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #5	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide31620	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	30-Jul-14	30-Jul-14	13-Aug-14	13-Aug-14	0%
Oxide31850	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	12-Aug-14	12-Aug-14	26-Aug-14	26-Aug-14	0%
Oxide32000	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #6	10.0d	10.0d	12-Aug-14	12-Aug-14	26-Aug-14	26-Aug-14	0%
Oxide32020	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	12-Aug-14	12-Aug-14	26-Aug-14	26-Aug-14	0%
Oxide32040	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #6	10.4d	10.4d	12-Aug-14	12-Aug-14	27-Aug-14	27-Aug-14	0%
Oxide31590	MOX Services Accepts CoC & CoA (Blend Lot #61)	10.0d	10.0d	02-Sep-14	02-Sep-14	15-Sep-14	15-Sep-14	0%
Oxide31630	MOX Services Accepts CoC & CoA (Blend Lot #59)	10.0d	10.0d	02-Sep-14	02-Sep-14	15-Sep-14	15-Sep-14	0%
Oxide32060	MOX Services Accepts CoC & CoA (Blend Lot #60)	10.0d	10.0d	02-Sep-14	02-Sep-14	15-Sep-14	15-Sep-14	0%
Oxide32620	MOX Services Accepts CoC & CoA (Blend Lot #62)	10.0d	10.0d	02-Sep-14	02-Sep-14	15-Sep-14	15-Sep-14	0%
Oxide29600	Produce QA Documentation for Cans (20 points / GSR Require	10.0d	10.0d	02-Sep-14	02-Sep-14	16-Sep-14	16-Sep-14	0%
Oxide31220	Produce QA Documentation for Cans (CoA/CoC) (Blend Lot #6	10.4d	10.4d	02-Sep-14	02-Sep-14	17-Sep-14	17-Sep-14	0%
Oxide31860	MOX Services Accepts CoC & CoA (Blend Lot #63)	10.0d	10.0d	15-Sep-14	15-Sep-14	25-Sep-14	25-Sep-14	0%
Oxide32030	MOX Services Accepts CoC & CoA (Blend Lot #64)	10.0d	10.0d	15-Sep-14	15-Sep-14	25-Sep-14	25-Sep-14	0%
Oxide33220	Travel to SRNL for Surveillances EOY	5.0d	5.0d	22-Sep-14	22-Sep-14*	26-Sep-14	26-Sep-14	0%
D1.02.01.D4.03_OP_S.03.05_Independent Product Certification		182.0d	182.0d	02-Dec-13	02-Dec-13	12-Sep-14	12-Sep-14	7.15%
Oxide33230	Perform 1st Ready-to-Ship Documentation Review	15.0d	5.0d	02-Dec-13	02-Dec-13	20-Dec-13	20-Dec-13	66.67%
Oxide33000	Production Certification Activity (Blend Lot #51)	11.0d	11.0d	22-Jan-14	21-Jan-14	06-Feb-14	05-Feb-14	0%
Oxide33010	Production Certification Activity (Blend Lot #52)	11.0d	11.0d	22-Jan-14	21-Jan-14	06-Feb-14	05-Feb-14	0%
Oxide33240	Perform 2nd Ready-to-Ship Documentation Review	15.0d	15.0d	03-Mar-14	03-Mar-14*	21-Mar-14	21-Mar-14	0%
Oxide33020	Production Certification Activity (Blend Lot #53)	5.0d	5.0d	31-Mar-14	31-Mar-14	07-Apr-14	07-Apr-14	0%
Oxide33030	Production Certification Activity (Blend Lot #54)	5.0d	5.0d	31-Mar-14	31-Mar-14	07-Apr-14	07-Apr-14	0%



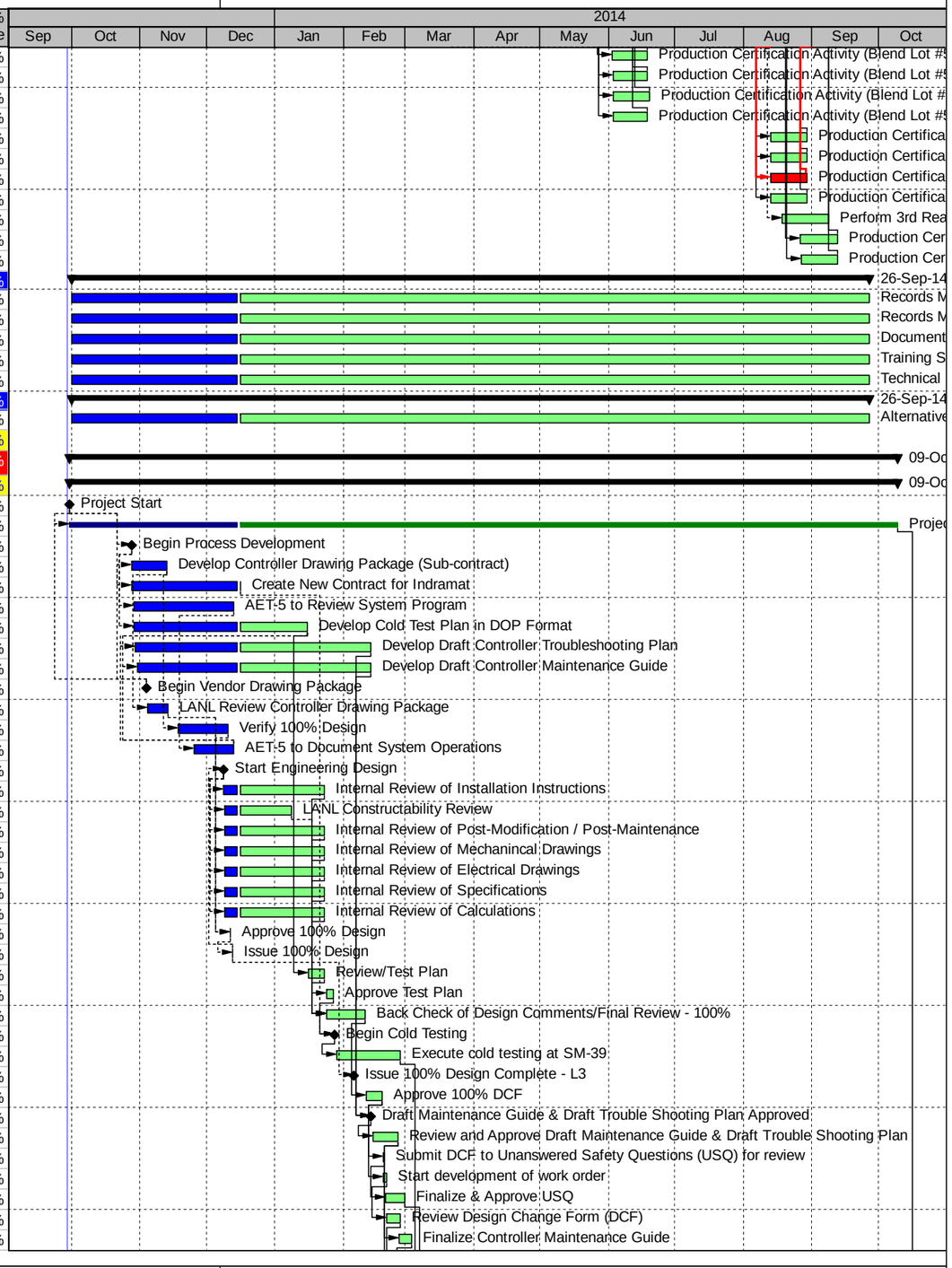
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Oxide33070	Production Certification Activity (Blend Lot #58)	12.0d	12.0d	02-Jun-14	02-Jun-14	18-Jun-14	18-Jun-14	0%
Oxide33040	Production Certification Activity (Blend Lot #55)	12.0d	12.0d	03-Jun-14	03-Jun-14	18-Jun-14	18-Jun-14	0%
Oxide33050	Production Certification Activity (Blend Lot #56)	13.0d	13.0d	03-Jun-14	03-Jun-14	19-Jun-14	19-Jun-14	0%
Oxide33060	Production Certification Activity (Blend Lot #57)	12.0d	12.0d	03-Jun-14	03-Jun-14	18-Jun-14	18-Jun-14	0%
Oxide33090	Production Certification Activity (Blend Lot #60)	12.0d	12.0d	13-Aug-14	13-Aug-14	29-Aug-14	29-Aug-14	0%
Oxide33100	Production Certification Activity (Blend Lot #61)	12.0d	12.0d	13-Aug-14	13-Aug-14	29-Aug-14	29-Aug-14	0%
Oxide33110	Production Certification Activity (Blend Lot #62)	12.0d	12.0d	13-Aug-14	13-Aug-14	29-Aug-14	29-Aug-14	0%
Oxide33080	Production Certification Activity (Blend Lot #59)	12.0d	12.0d	13-Aug-14	13-Aug-14	29-Aug-14	29-Aug-14	0%
Oxide33250	Perform 3rd Ready-to-Ship Documentation Review	15.0d	15.0d	18-Aug-14	18-Aug-14*	08-Sep-14	08-Sep-14	0%
Oxide33120	Production Certification Activity (Blend Lot #63)	12.0d	12.0d	26-Aug-14	26-Aug-14	12-Sep-14	12-Sep-14	0%
Oxide33140	Production Certification Activity (Blend Lot #64)	12.0d	12.0d	27-Aug-14	27-Aug-14	12-Sep-14	12-Sep-14	0%
D1.02.01.D4.03_OP_S.03.06_Records Management/Document Control/Training		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide32920	Records Management and Document Control M&S	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide32970	Records Managment	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide32980	Document Control	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide32990	Training Support	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide32880	Technical Editing	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
D1.02.01.D4.03_OP_S.03.07_Alternative Studies		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
Oxide33341	Alternative Studies	242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.66%
D1.02.01.D4.03_OP_S.04_Projects		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.01_S_Lathe Controller Upgrade Inst		252.0d	201.0d	30-Sep-13	30-Sep-13	09-Oct-14	09-Oct-14	23.14%
D1.02.01.D4.03_OP.04.01_S.19_Oxide Production - Lathe Controller Up		252.0d	201.0d	30-Sep-13	30-Sep-13	09-Oct-14	09-Oct-14	23.14%
OPDIS1275	Project Start	0.0d	0.0d	30-Sep-13	30-Sep-13			100%
PM1000	Project Management	252.0d	201.0d	30-Sep-13	30-Sep-13	09-Oct-14	09-Oct-14	20.3%
OPDIS1355	Begin Process Development	0.0d	0.0d	30-Sep-13	28-Oct-13			100%
OPDIS1317	Develop Controller Drawing Package (Sub-contract)	5.0d	0.0d	30-Sep-13	28-Oct-13	04-Oct-13	13-Nov-13	100%
OPDIS1285	Create New Contract for Indramat	15.0d	0.0d	30-Sep-13	28-Oct-13	21-Oct-13	16-Dec-13	60%
OPDIS1360	AET-5 to Review System Program	18.0d	0.0d	01-Oct-13	29-Oct-13	25-Oct-13	13-Dec-13	100%
OPDIS1415	Develop Cold Test Plan in DOP Format	15.0d	15.0d	01-Oct-13	29-Oct-13	22-Oct-13	15-Jan-14	90%
OPDIS1380	Develop Draft Controller Troubleshooting Plan	35.0d	35.0d	22-Nov-13	30-Oct-13	24-Jan-14	13-Feb-14	40%
OPDIS1375	Develop Draft Controller Maintenance Guide	35.0d	35.0d	22-Nov-13	31-Oct-13	24-Jan-14	13-Feb-14	40%
OPDIS1315	Begin Vendor Drawing Package	0.0d	0.0d	30-Sep-13	04-Nov-13			100%
OPDIS1320	LANL Review Controller Drawing Package	10.0d	0.0d	07-Oct-13	04-Nov-13	21-Oct-13	14-Nov-13	100%
OPDIS1325	Verify 100% Design	10.0d	0.0d	07-Oct-13	18-Nov-13	21-Oct-13	11-Dec-13	100%
OPDIS1370	AET-5 to Document System Operations	18.0d	0.0d	28-Oct-13	25-Nov-13	21-Nov-13	13-Dec-13	100%
OPDIS1535	Start Engineering Design	0.0d	0.0d	06-Nov-13	09-Dec-13			100%
OPDIS1550	Internal Review of Installation Instructions	20.0d	20.0d	06-Nov-13	09-Dec-13	06-Dec-13	23-Jan-14	25%
OPDIS1540	LANL Constructability Review	10.0d	10.0d	07-Nov-13	09-Dec-13	21-Nov-13	08-Jan-14	25%
OPDIS1560	Internal Review of Post-Modification / Post-Maintenance	20.0d	20.0d	06-Nov-13	09-Dec-13	06-Dec-13	23-Jan-14	25%
OPDIS1570	Internal Review of Mechanincal Drawings	20.0d	20.0d	06-Nov-13	09-Dec-13	06-Dec-13	23-Jan-14	25%
OPDIS2790	Internal Review of Electrical Drawings	20.0d	20.0d	06-Nov-13	09-Dec-13	06-Dec-13	23-Jan-14	25%
OPDIS1590	Internal Review of Specifications	20.0d	20.0d	06-Nov-13	09-Dec-13	06-Dec-13	23-Jan-14	25%
OPDIS2795	Internal Review of Calculations	20.0d	20.0d	06-Nov-13	09-Dec-13	06-Dec-13	23-Jan-14	25%
OPDIS1340	Approve 100% Design	10.0d	0.0d	22-Oct-13	12-Dec-13	04-Nov-13	12-Dec-13	100%
OPDIS1350	Issue 100% Design	1.0d	0.0d	05-Nov-13	13-Dec-13	05-Nov-13	13-Dec-13	100%
OPDIS1420	Review/Test Plan	5.0d	5.0d	23-Oct-13	16-Jan-14	29-Oct-13	23-Jan-14	0%
OPDIS1430	Approve Test Plan	2.0d	2.0d	30-Oct-13	24-Jan-14	31-Oct-13	27-Jan-14	0%
OPDIS1597	Back Check of Design Comments/Final Review - 100%	12.0d	12.0d	09-Dec-13	24-Jan-14	03-Jan-14	10-Feb-14	0%
OPDIS1475	Begin Cold Testing	0.0d	0.0d	01-Nov-13	28-Jan-14			0%
OPDIS1480	Execute cold testing at SM-39	20.0d	20.0d	04-Nov-13	29-Jan-14	04-Dec-13	26-Feb-14	0%
OPDIS1450	Issue 100% Design Complete - L3	0.0d	0.0d			05-Feb-14	05-Feb-14*	0%
OPDIS2800	Approve 100% DCF	5.0d	5.0d	06-Jan-14	11-Feb-14	10-Jan-14	18-Feb-14	0%
OPDIS1400	Draft Maintenance Guide & Draft Trouble Shooting Plan Approv	0.0d	0.0d			24-Jan-14	13-Feb-14	0%
OPDIS1385	Review and Approve Draft Maintenance Guide & Draft Trouble	7.0d	7.0d	27-Jan-14	14-Feb-14	04-Feb-14	25-Feb-14	0%
OPDIS2810	Submit DCF to Unanswered Safety Questions (USQ) for review	1.0d	1.0d	13-Jan-14	19-Feb-14	13-Jan-14	19-Feb-14	0%
DAT-0243	Start development of work order	1.3d	1.3d	14-Jan-14	19-Feb-14	15-Jan-14	20-Feb-14	0%
OPDIS2820	Finalize & Approve USQ	7.0d	7.0d	14-Jan-14	20-Feb-14	23-Jan-14	28-Feb-14	0%
DAT-0244	Review Design Change Form (DCF)	3.8d	3.8d	15-Jan-14	20-Feb-14	21-Jan-14	26-Feb-14	0%
OPDIS1405	Finalize Controller Maintenance Guide	4.0d	4.0d	05-Feb-14	26-Feb-14	10-Feb-14	03-Mar-14	0%

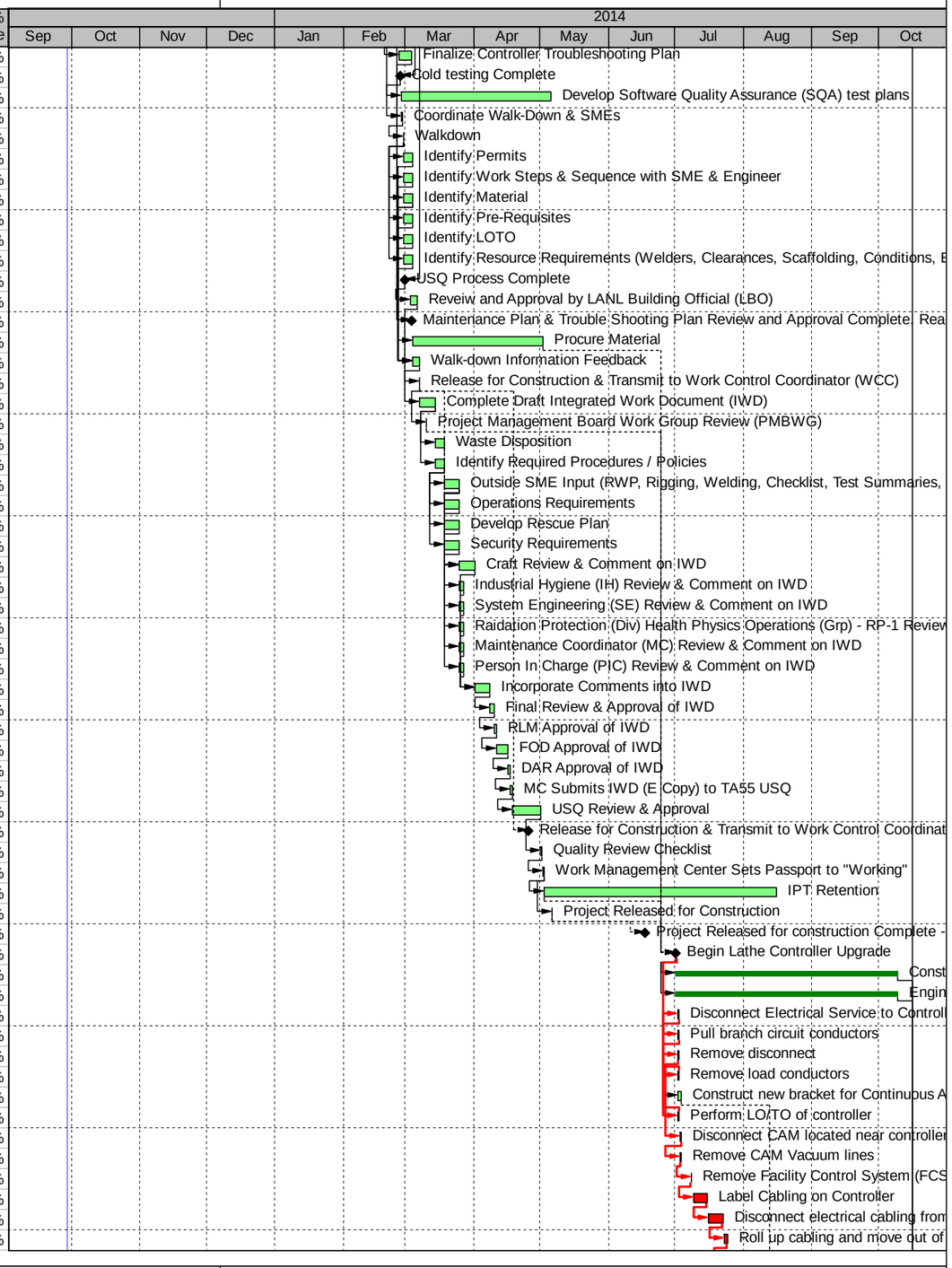


Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

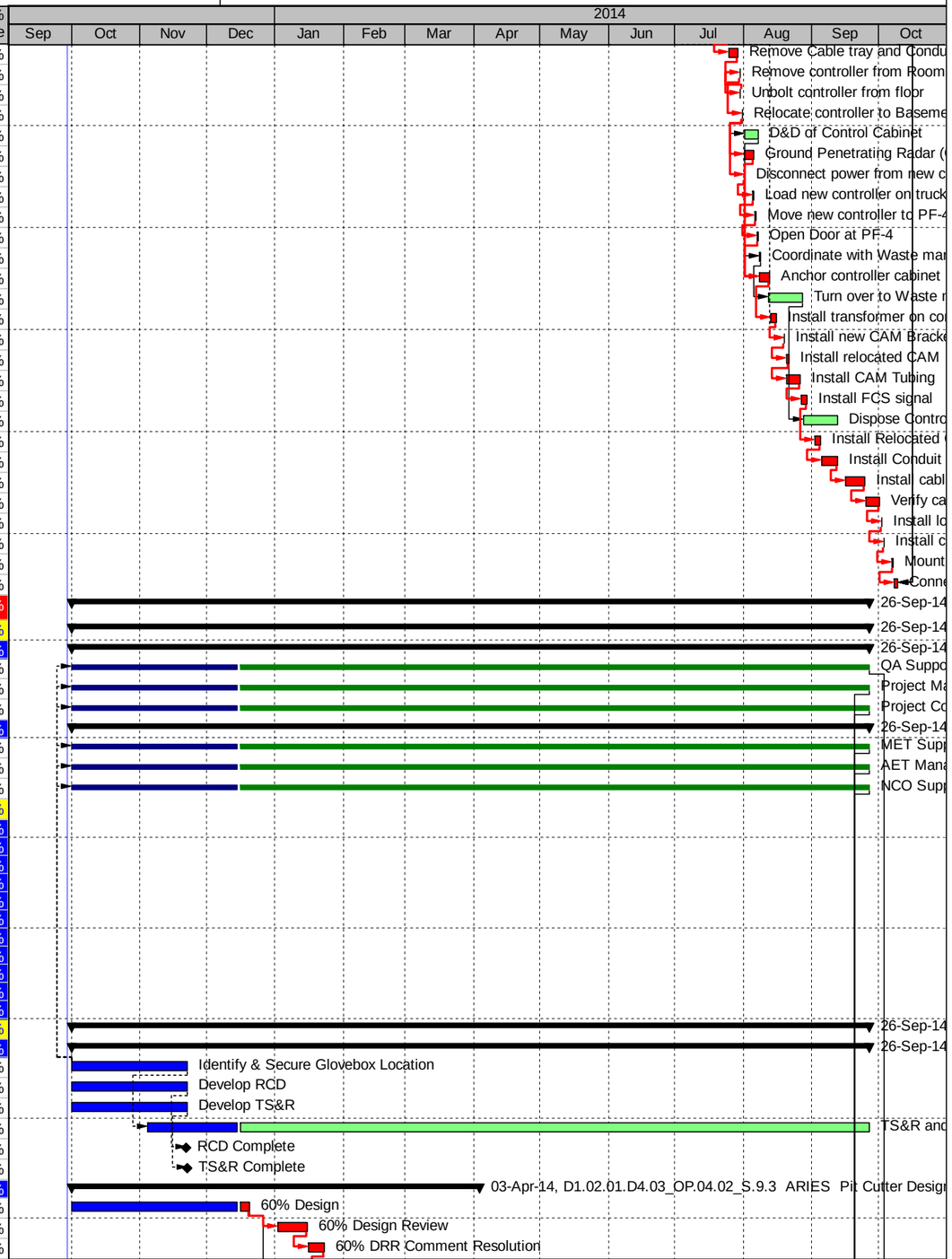
TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

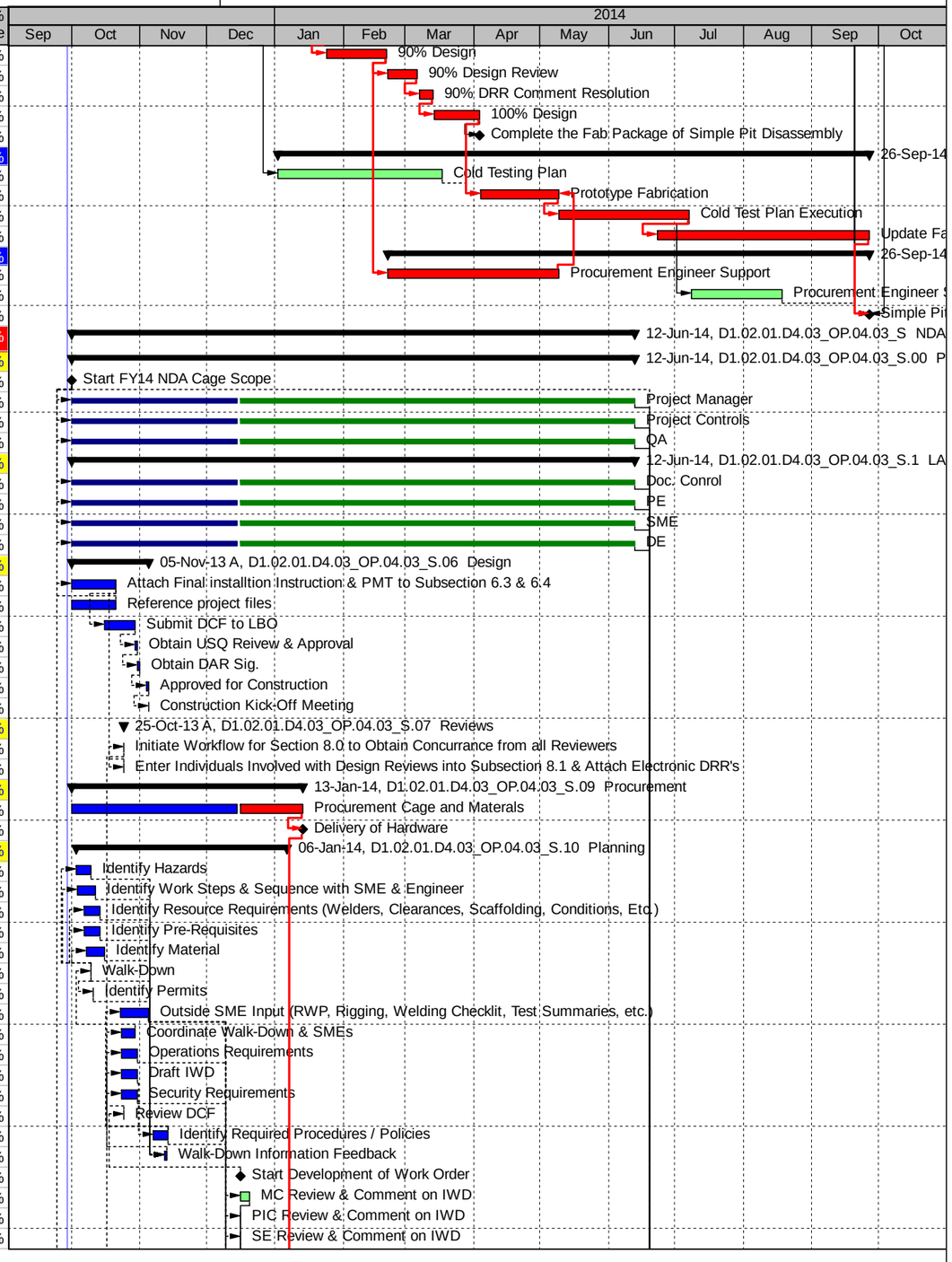
Activity ID	Activity Name	Original Duration	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
OPDIS1410	Finalize Controller Troubleshooting Plan	4.0d	4.0d	05-Feb-14	26-Feb-14	10-Feb-14	03-Mar-14	0%
OPDIS1490	Cold testing Complete	0.0d	0.0d			04-Dec-13	26-Feb-14	0%
OPDIS1500	Develop Software Quality Assurance (SQA) test plans	48.0d	48.0d	05-Dec-13	27-Feb-14	24-Feb-14	05-May-14	0%
DAT-0245	Coordinate Walk-Down & SMEs	1.0d	1.0d	22-Jan-14	27-Feb-14	22-Jan-14	27-Feb-14	0%
DAT-0246	Walkdown	0.8d	0.8d	23-Jan-14	28-Feb-14	23-Jan-14	28-Feb-14	0%
DAT-0248	Identify Permits	1.0d	1.0d	23-Jan-14	28-Feb-14	24-Jan-14	04-Mar-14	0%
DAT-0253	Identify Work Steps & Sequence with SME & Engineer	1.0d	1.0d	23-Jan-14	28-Feb-14	24-Jan-14	04-Mar-14	0%
DAT-0251	Identify Material	1.0d	1.0d	23-Jan-14	28-Feb-14	24-Jan-14	04-Mar-14	0%
DAT-0250	Identify Pre-Requisites	1.0d	1.0d	23-Jan-14	28-Feb-14	24-Jan-14	04-Mar-14	0%
DAT-0247	Identify LOTO	1.0d	1.0d	23-Jan-14	28-Feb-14	24-Jan-14	04-Mar-14	0%
DAT-0249	Identify Resource Requirements (Welders, Clearances, Scaffolc	1.0d	1.0d	23-Jan-14	28-Feb-14	24-Jan-14	04-Mar-14	0%
OPDIS2830	USQ Process Complete	0.0d	0.0d			23-Jan-14	28-Feb-14	0%
OPDIS1607	Reveiw and Approval by LANL Building Official (LBO)	4.0d	4.0d	24-Jan-14	03-Mar-14	29-Jan-14	06-Mar-14	0%
OPDIS1390	Maintenance Plan & Trouble Shooting Plan Review and Approv	0.0d	0.0d			10-Feb-14	03-Mar-14	0%
DAT-0255	Procure Material	35.0d	35.0d	24-Jan-14	04-Mar-14	27-Mar-14	02-May-14	0%
DAT-0254	Walk-down Information Feedback	3.0d	3.0d	24-Jan-14	04-Mar-14	30-Jan-14	07-Mar-14	0%
OPDIS2840	Release for Construction & Transmit to Work Control Coordinat	1.0d	1.0d	30-Jan-14	07-Mar-14	30-Jan-14	07-Mar-14	0%
DAT-0256	Complete Draft Integrated Work Document (IWD)	4.0d	4.0d	30-Jan-14	07-Mar-14	06-Feb-14	14-Mar-14	0%
PM1010	Project Management Board Work Group Review (PMBWG)	1.0d	1.0d	31-Jan-14	10-Mar-14	31-Jan-14	10-Mar-14	0%
DAT-0260	Waste Disposition	1.0d	1.0d	06-Feb-14	14-Mar-14	07-Feb-14	18-Mar-14	0%
DAT-0257	Identify Required Procedures / Policies	1.0d	1.0d	06-Feb-14	14-Mar-14	07-Feb-14	18-Mar-14	0%
DAT-0262	Outside SME Input (RWP, Rigging, Welding, Checklist, Test Su	4.0d	4.0d	07-Feb-14	18-Mar-14	14-Feb-14	25-Mar-14	0%
DAT-0258	Operations Requirements	4.0d	4.0d	07-Feb-14	18-Mar-14	14-Feb-14	25-Mar-14	0%
DAT-0261	Develop Rescue Plan	4.0d	4.0d	07-Feb-14	18-Mar-14	14-Feb-14	25-Mar-14	0%
DAT-0259	Security Requirements	4.0d	4.0d	07-Feb-14	18-Mar-14	14-Feb-14	25-Mar-14	0%
DAT-0268	Craft Review & Comment on IWD	3.8d	3.8d	14-Feb-14	25-Mar-14	21-Feb-14	01-Apr-14	0%
DAT-0265	Industrial Hygiene (IH) Review & Comment on IWD	2.0d	2.0d	14-Feb-14	25-Mar-14	19-Feb-14	27-Mar-14	0%
DAT-0264	System Engineering (SE) Review & Comment on IWD	2.0d	2.0d	14-Feb-14	25-Mar-14	19-Feb-14	27-Mar-14	0%
DAT-0266	Raidation Protection (Div) Health Physics Operations (Grp) - RF	2.0d	2.0d	14-Feb-14	25-Mar-14	19-Feb-14	27-Mar-14	0%
DAT-0267	Maintenance Coordinator (MC) Review & Comment on IWD	2.0d	2.0d	14-Feb-14	25-Mar-14	19-Feb-14	27-Mar-14	0%
DAT-0263	Person In Charge (PIC) Review & Comment on IWD	2.0d	2.0d	14-Feb-14	25-Mar-14	19-Feb-14	27-Mar-14	0%
DAT-0269	Incorporate Comments into IWD	3.8d	3.8d	21-Feb-14	01-Apr-14	28-Feb-14	08-Apr-14	0%
DAT-0270	Final Review & Approval of IWD	2.0d	2.0d	28-Feb-14	08-Apr-14	05-Mar-14	10-Apr-14	0%
DAT-0271	RLM Approval of IWD	1.5d	1.5d	05-Mar-14	10-Apr-14	06-Mar-14	11-Apr-14	0%
DAT-0272	FOD Approval of IWD	1.5d	1.5d	06-Mar-14	11-Apr-14	11-Mar-14	16-Apr-14	0%
DAT-0273	DAR Approval of IWD	1.3d	1.3d	11-Mar-14	16-Apr-14	12-Mar-14	17-Apr-14	0%
DAT-0274	MC Submits IWD (E Copy) to TA55 USQ	0.8d	0.8d	12-Mar-14	17-Apr-14	13-Mar-14	18-Apr-14	0%
DAT-0275	USQ Review & Approval	7.0d	7.0d	13-Mar-14	18-Apr-14	26-Mar-14	01-May-14	0%
OPDIS2850	Release for Construction & Transmit to Work Control Coordinat	0.0d	0.0d			25-Apr-14	25-Apr-14*	0%
DAT-0276	Quality Review Checklist	0.8d	0.8d	26-Mar-14	01-May-14	26-Mar-14	01-May-14	0%
DAT-0277	Work Management Center Sets Passport to "Working"	1.0d	1.0d	27-Mar-14	02-May-14	27-Mar-14	02-May-14	0%
PM1060	IPT Retention	73.0d	73.0d	28-Mar-14	02-May-14	10-Jul-14	15-Aug-14	0%
DAT-0278	Project Released for Construction	1.0d	1.0d	28-Mar-14	06-May-14	28-Mar-14	06-May-14	0%
DAT-0288	Project Released for construction Complete - L3	0.0d	0.0d			17-Jun-14	17-Jun-14*	0%
OPDIS1660	Begin Lathe Controller Upgrade	0.0d	0.0d	01-Jul-14	01-Jul-14*			0%
OPDIS1670	Construction Management Support	58.0d	58.0d	01-Jul-14	01-Jul-14	09-Oct-14	09-Oct-14	0%
OPDIS1785	Engineering Support (Title III) for RFIs and FCRs	58.0d	58.0d	01-Jul-14	01-Jul-14	09-Oct-14	09-Oct-14	0%
OPDIS1675	Disconnect Electrical Service to Controller	1.0d	1.0d	02-Jul-14	02-Jul-14	02-Jul-14	02-Jul-14	0%
OPDIS1685	Pull branch circuit conductors	1.0d	1.0d	02-Jul-14	02-Jul-14	02-Jul-14	02-Jul-14	0%
OPDIS1705	Remove disconnect	1.0d	1.0d	02-Jul-14	02-Jul-14	02-Jul-14	02-Jul-14	0%
OPDIS1695	Remove load conductors	1.0d	1.0d	02-Jul-14	02-Jul-14	02-Jul-14	02-Jul-14	0%
OPDIS1960	Construct new bracket for Continuous Air Monitor (CAM)	2.0d	2.0d	02-Jul-14	02-Jul-14	03-Jul-14	03-Jul-14	0%
OPDIS1665	Perform LO/TO of controller	1.0d	1.0d	02-Jul-14	02-Jul-14	02-Jul-14	02-Jul-14	0%
OPDIS1715	Disconnect CAM located near controller	1.0d	1.0d	03-Jul-14	03-Jul-14	03-Jul-14	03-Jul-14	0%
OPDIS1725	Remove CAM Vacuum lines	1.0d	1.0d	03-Jul-14	03-Jul-14	03-Jul-14	03-Jul-14	0%
OPDIS1735	Remove Facility Control System (FCS) signal Lines	1.0d	1.0d	08-Jul-14	08-Jul-14	08-Jul-14	08-Jul-14	0%
OPDIS1745	Label Cabling on Controller	4.0d	4.0d	09-Jul-14	09-Jul-14	15-Jul-14	15-Jul-14	0%
OPDIS1755	Disconnect electrical cabling from controller to glove box	4.0d	4.0d	16-Jul-14	16-Jul-14	22-Jul-14	22-Jul-14	0%
OPDIS1765	Roll up cabling and move out of the way	2.0d	2.0d	23-Jul-14	23-Jul-14	24-Jul-14	24-Jul-14	0%



Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
OPDIS1775	Remove Cable tray and Conduit due to transformer being mour	2.0d	2.0d	25-Jul-14	25-Jul-14	29-Jul-14	29-Jul-14	0%
OPDIS1805	Remove controller from Room	1.0d	1.0d	30-Jul-14	30-Jul-14	30-Jul-14	30-Jul-14	0%
OPDIS1795	Unbolt controller from floor	1.0d	1.0d	30-Jul-14	30-Jul-14	30-Jul-14	30-Jul-14	0%
OPDIS1815	Relocate controller to Basement for Decontamination & Demoli	1.0d	1.0d	31-Jul-14	31-Jul-14	31-Jul-14	31-Jul-14	0%
OPDIS2145	D&D of Control Cabinet	4.0d	4.0d	01-Aug-14	01-Aug-14	07-Aug-14	07-Aug-14	0%
OPDIS1830	Ground Penetrating Radar (GPR) floor location	2.0d	2.0d	01-Aug-14	01-Aug-14	05-Aug-14	05-Aug-14	0%
OPDIS1865	Disconnect power from new controller at SM39	1.0d	1.0d	01-Aug-14	01-Aug-14	01-Aug-14	01-Aug-14	0%
OPDIS1875	Load new controller on truck (Riggers)	1.0d	1.0d	05-Aug-14	05-Aug-14	05-Aug-14	05-Aug-14	0%
OPDIS1885	Move new controller to PF-4 (Riggers)	1.0d	1.0d	06-Aug-14	06-Aug-14	06-Aug-14	06-Aug-14	0%
OPDIS1890	Open Door at PF-4	1.0d	1.0d	07-Aug-14	07-Aug-14	07-Aug-14	07-Aug-14	0%
OPDIS2155	Coordinate with Waste management the disposal of electronic i	1.0d	1.0d	08-Aug-14	08-Aug-14	08-Aug-14	08-Aug-14	0%
OPDIS1955	Anchor controller cabinet to Floor	2.0d	2.0d	08-Aug-14	08-Aug-14	12-Aug-14	12-Aug-14	0%
OPDIS2195	Turn over to Waste management items per their direction for di	10.0d	10.0d	12-Aug-14	12-Aug-14	27-Aug-14	27-Aug-14	0%
OPDIS1920	Install transformer on controller cabinet	3.0d	3.0d	13-Aug-14	13-Aug-14	15-Aug-14	15-Aug-14	0%
OPDIS1965	Install new CAM Bracket	1.0d	1.0d	19-Aug-14	19-Aug-14	19-Aug-14	19-Aug-14	0%
OPDIS1990	Install relocated CAM	2.0d	2.0d	20-Aug-14	20-Aug-14	21-Aug-14	21-Aug-14	0%
OPDIS1995	Install CAM Tubing	4.0d	4.0d	20-Aug-14	20-Aug-14	26-Aug-14	26-Aug-14	0%
OPDIS2005	Install FCS signal	3.0d	3.0d	27-Aug-14	27-Aug-14	29-Aug-14	29-Aug-14	0%
OPDIS2585	Dispose Controller and materials	10.0d	10.0d	28-Aug-14	28-Aug-14	12-Sep-14	12-Sep-14	0%
OPDIS2015	Install Relocated Cable Tray	3.0d	3.0d	02-Sep-14	02-Sep-14	04-Sep-14	04-Sep-14	0%
OPDIS2045	Install Conduit	5.0d	5.0d	05-Sep-14	05-Sep-14	12-Sep-14	12-Sep-14	0%
OPDIS2025	Install cabling to control cabinet	6.0d	6.0d	16-Sep-14	16-Sep-14	24-Sep-14	24-Sep-14	0%
OPDIS2035	Verify cabling installed correctly	4.0d	4.0d	25-Sep-14	25-Sep-14	01-Oct-14	01-Oct-14	0%
OPDIS2055	Install load conductors	1.0d	1.0d	02-Oct-14	02-Oct-14	02-Oct-14	02-Oct-14	0%
OPDIS2065	Install circuit conductors	1.0d	1.0d	03-Oct-14	03-Oct-14	03-Oct-14	03-Oct-14	0%
OPDIS2075	Mount Disconnect	1.0d	1.0d	07-Oct-14	07-Oct-14	07-Oct-14	07-Oct-14	0%
OPDIS2080	Connect Electrical service	2.0d	2.0d	08-Oct-14	08-Oct-14	09-Oct-14	09-Oct-14	0%
D1.02.01.D4.03_OP.04.02_S ARIES Pit Cutter		243.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	16.31%
D1.02.01.D4.03_OP.04.02_S.1 Staffing Plan - Initiation/Execution/Closi		243.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
D1.02.01.D4.03_OP.04.02_S.1.01 Project Management		243.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
DD1050	QA Support	247.0d	196.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
DD1010	Project Management	247.0d	196.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
DD1020	Project Controls	247.0d	196.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
D1.02.01.D4.03_OP.04.02_S.1.1 SME Support		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
DD1310	MET Support	247.0d	196.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
DD1320	AET Management	247.0d	196.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
DD1340	NCO Support	247.0d	196.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	20.4%
D1.02.01.D4.03_OP.04.02_S.2 DCF Initiation		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.02 Engineering Support		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.03 Construction Management		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.04 Security		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.05 Environmental/Safety		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.07 FOD/Operations/Other		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.2 DCF Initiation		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.3 Engineering Services Title II		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.4 Engineering Services Title III		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.5 Equipment Procurement		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.6 Equipment Installation		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.2.8 DCF Closeout		0.0d	0.0d					0%
D1.02.01.D4.03_OP.04.02_S.9 ARIES Pit Cutter		242.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	14.58%
D1.02.01.D4.03_OP.04.02_S.9.2 Requirements Identification		230.0d	192.0d	01-Oct-13	01-Oct-13	26-Sep-14	26-Sep-14	26.04%
A1000	Identify & Secure Glovebox Location	35.0d	0.0d	01-Oct-13	01-Oct-13	18-Oct-13	22-Nov-13	100%
HP3-1090	Develop RCD	35.0d	0.0d	01-Oct-13	01-Oct-13	18-Oct-13	22-Nov-13	100%
HP3-1060	Develop TS&R	35.0d	0.0d	01-Oct-13	01-Oct-13	18-Oct-13	22-Nov-13	100%
A1190	TS&R and RCD Revision and Tool Training	207.0d	192.0d	21-Oct-13	04-Nov-13	26-Sep-14	26-Sep-14	16%
HP3-1100	RCD Complete	0.0d	0.0d			18-Oct-13	22-Nov-13	100%
HP3-1070	TS&R Complete	0.0d	0.0d			18-Oct-13	22-Nov-13	100%
D1.02.01.D4.03_OP.04.02_S.9.3 ARIES Pit Cutter Design		119.0d	69.0d	01-Oct-13	01-Oct-13	03-Apr-14	03-Apr-14	42.89%
A1070	60% Design	55.0d	5.0d	01-Oct-13	01-Oct-13	20-Dec-13	20-Dec-13	95%
A1080	60% Design Review	10.0d	10.0d	02-Jan-14	02-Jan-14	15-Jan-14	15-Jan-14	0%
A1085	60% DRR Comment Resolution	5.0d	5.0d	16-Jan-14	16-Jan-14	23-Jan-14	23-Jan-14	0%



Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
A1090	90% Design	19.0d	19.0d	24-Jan-14	24-Jan-14	20-Feb-14	20-Feb-14	0%
A1100	90% Design Review	10.0d	10.0d	21-Feb-14	21-Feb-14	06-Mar-14	06-Mar-14	0%
A1105	90% DRR Comment Resolution	5.0d	5.0d	07-Mar-14	07-Mar-14	13-Mar-14	13-Mar-14	0%
A1110	100% Design	15.0d	15.0d	14-Mar-14	14-Mar-14	03-Apr-14	03-Apr-14	0%
A1165	Complete the Fab Package of Simple Pit Disassembly	0.0d	0.0d			03-Apr-14	03-Apr-14	0%
D1.02.01.D4.03_OP.04.02_S.9.4 Cold Testing		187.0d	187.0d	02-Jan-14	02-Jan-14	26-Sep-14	26-Sep-14	0%
A1120	Cold Testing Plan	51.0d	51.0d	02-Jan-14	02-Jan-14	17-Mar-14	17-Mar-14	0%
A1140	Prototype Fabrication	26.0d	26.0d	04-Apr-14	04-Apr-14	09-May-14	09-May-14	0%
A1150	Cold Test Plan Execution	40.0d	40.0d	09-May-14	09-May-14	07-Jul-14	07-Jul-14	0%
A1160	Update Fabrication Package	68.0d	68.0d	23-Jun-14	23-Jun-14	26-Sep-14	26-Sep-14	0%
D1.02.01.D4.03_OP.04.02_S.9.5 Final Tool Procurement/Fabrication		153.0d	153.0d	21-Feb-14	21-Feb-14	26-Sep-14	26-Sep-14	0%
A1130	Procurement Engineer Support	56.0d	56.0d	21-Feb-14	21-Feb-14	09-May-14	09-May-14	0%
A11338030	Procurement Engineer Support	30.0d	30.0d	08-Jul-14	08-Jul-14	18-Aug-14	18-Aug-14	0%
A11338050	Simple Pit Disassembly FY14 Complete	0.0d	0.0d			26-Sep-14	26-Sep-14*	0%
D1.02.01.D4.03_OP.04.03_S NDA Cage		216.0d	118.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	9.27%
D1.02.01.D4.03_OP.04.03_S.00 Project Management		182.0d	118.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
DCF1320	Start FY14 NDA Cage Scope	0.0d	0.0d	01-Oct-13	01-Oct-13			100%
DCF1000	Project Manager	167.0d	121.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
DCF1001	Project Controls	166.8d	121.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
DCF1280	QA	166.8d	121.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
D1.02.01.D4.03_OP.04.03_S.1 LANL Construction Suppport		162.8d	118.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
DCF1440	Doc. Conrol	166.8d	121.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
DCF1450	PE	166.8d	121.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
DCF1460	SME	166.8d	121.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
DCF1470	DE	166.8d	121.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	19.2%
D1.02.01.D4.03_OP.04.03_S.06 Design		46.0d	0.0d	01-Oct-13	01-Oct-13	05-Nov-13	05-Nov-13	0%
DCF1170	Attach Final installtion Instruction & PMT to Subsection 6.3 & 6	1.0d	0.0d	16-Oct-13	01-Oct-13	16-Oct-13	21-Oct-13	100%
DCF1169	Reference project files	10.0d	0.0d	01-Oct-13	01-Oct-13	15-Oct-13	21-Oct-13	100%
DCF1350	Submit DCF to LBO	10.0d	0.0d	17-Oct-13	16-Oct-13	30-Oct-13	30-Oct-13	100%
DCF1360	Obtain USQ Reivew & Approval	1.0d	0.0d	31-Oct-13	30-Oct-13	31-Oct-13	31-Oct-13	100%
DCF1370	Obtain DAR Sig.	1.0d	0.0d	01-Nov-13	31-Oct-13	01-Nov-13	01-Nov-13	100%
DCF1380	Approved for Construction	1.0d	0.0d	04-Nov-13	04-Nov-13	04-Nov-13	05-Nov-13	100%
DCF1390	Construction Kick-Off Meeting	1.0d	0.0d	05-Nov-13	05-Nov-13	05-Nov-13	05-Nov-13	100%
D1.02.01.D4.03_OP.04.03_S.07 Reviews		4.0d	0.0d	17-Oct-13	25-Oct-13	22-Oct-13	25-Oct-13	100%
DCF1190	Initiate Workflow for Section 8.0 to Obtain Concurrance from al	3.0d	0.0d	18-Oct-13	25-Oct-13	22-Oct-13	25-Oct-13	100%
DCF1180	Enter Individuals Involved with Design Reviews into Subsection	1.0d	0.0d	17-Oct-13	25-Oct-13	17-Oct-13	25-Oct-13	100%
D1.02.01.D4.03_OP.04.03_S.09 Procurement		45.0d	13.0d	01-Oct-13	01-Oct-13	27-Nov-13	13-Jan-14	80%
PRC1400	Procurement Cage and Materals	40.0d	16.0d	01-Oct-13	01-Oct-13	27-Nov-13	13-Jan-14	80%
PRC1570	Delivery of Hardware	0.0d	0.0d			27-Nov-13	13-Jan-14	0%
D1.02.01.D4.03_OP.04.03_S.10 Planning		39.1d	7.1d	01-Oct-13	03-Oct-13	06-Jan-14	06-Jan-14	7.99%
PE1730	Identify Hazards	5.0d	0.0d	07-Nov-13	03-Oct-13	14-Nov-13	10-Oct-13	100%
PE1690	Identify Work Steps & Sequence with SME & Engineer	5.0d	0.0d	07-Nov-13	04-Oct-13	14-Nov-13	12-Oct-13	100%
PE1700	Identify Resource Requirements (Welders, Clearances, Scaffolc	5.0d	0.0d	07-Nov-13	07-Oct-13	14-Nov-13	14-Oct-13	100%
PE1710	Identify Pre-Requisites	5.0d	0.0d	07-Nov-13	07-Oct-13	14-Nov-13	14-Oct-13	100%
PE1720	Identify Material	5.0d	0.0d	07-Nov-13	08-Oct-13	14-Nov-13	16-Oct-13	100%
PE1660	Walk-Down	1.0d	0.0d	06-Nov-13	10-Oct-13	06-Nov-13	10-Oct-13	100%
PE1670	Identify Permits	0.0d	0.0d	07-Nov-13	11-Oct-13	07-Nov-13	11-Oct-13	100%
PE1780	Outside SME Input (RWP, Rigging, Welding Checklit, Test Sum	10.0d	0.0d	03-Dec-13	23-Oct-13	17-Dec-13	05-Nov-13	100%
PE1650	Coordinate Walk-Down & SMEs	5.0d	0.0d	30-Oct-13	24-Oct-13	05-Nov-13	30-Oct-13	100%
PE1790	Operations Requirements	5.0d	0.0d	03-Dec-13	24-Oct-13	10-Dec-13	31-Oct-13	100%
PE1750	Draft IWD	5.0d	0.0d	15-Nov-13	24-Oct-13	22-Nov-13	31-Oct-13	100%
PE1800	Security Requirements	5.0d	0.0d	03-Dec-13	24-Oct-13	10-Dec-13	31-Oct-13	100%
PE1640	Review DCF	20.0d	0.0d	01-Oct-13	25-Oct-13	29-Oct-13	25-Oct-13	100%
PE1760	Identify Required Procedures / Policies	5.0d	0.0d	22-Nov-13	07-Nov-13	03-Dec-13	14-Nov-13	100%
PE1740	Walk-Down Information Feedback	0.6d	0.0d	15-Nov-13	12-Nov-13	15-Nov-13	13-Nov-13	100%
PE1630	Start Development of Work Order	0.0d	0.0d	01-Oct-13	16-Dec-13			0%
PE1870	MC Review & Comment on IWD	5.0d	5.0d	17-Dec-13	16-Dec-13	24-Dec-13	20-Dec-13	0%
PE1830	PIC Review & Comment on IWD	0.0d	0.0d	17-Dec-13	16-Dec-13	24-Dec-13	16-Dec-13	0%
PE1840	SE Review & Comment on IWD	1.0d	1.0d	17-Dec-13	16-Dec-13	24-Dec-13	16-Dec-13	0%



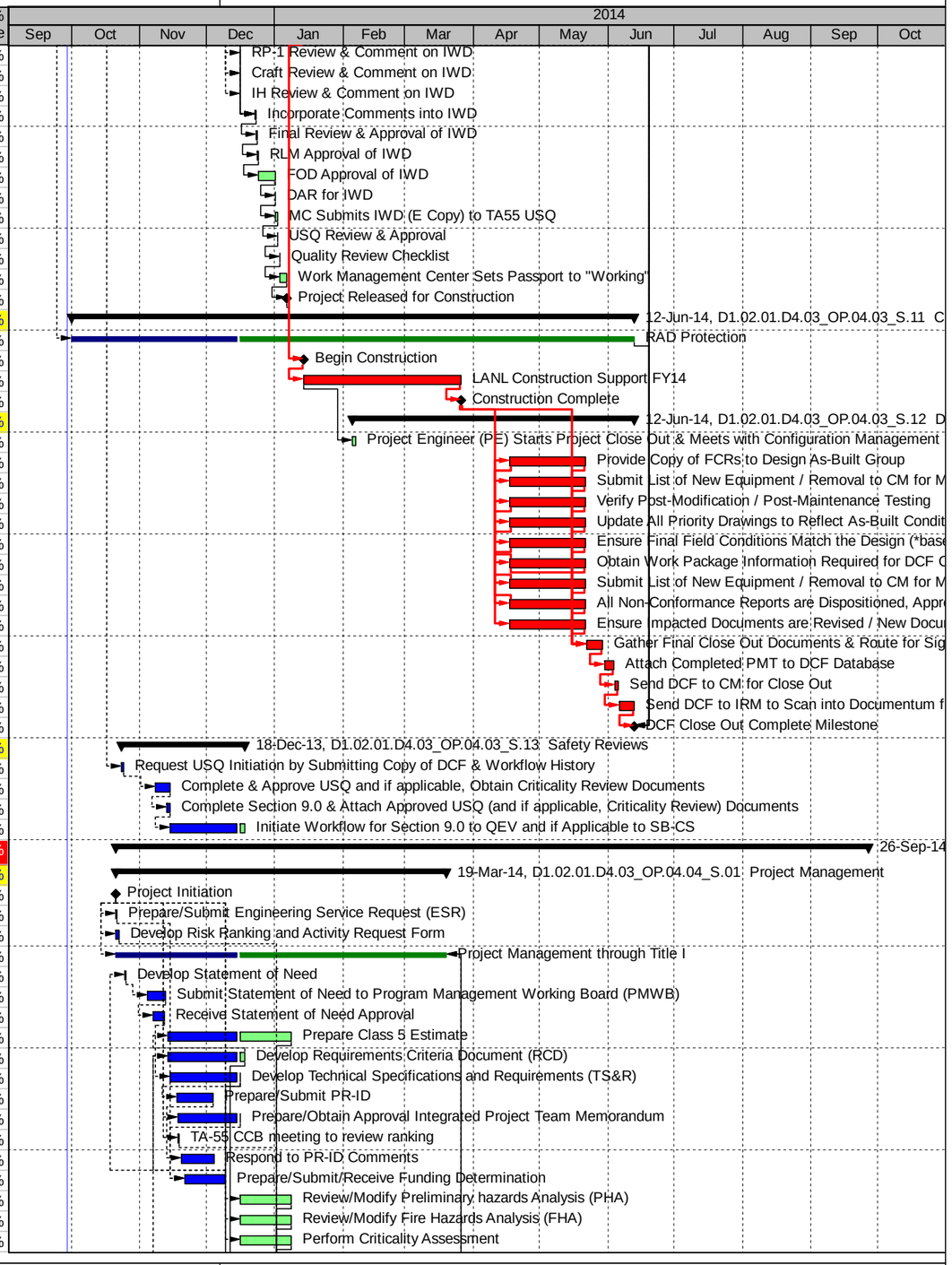
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
PE1860	RP-1 Review & Comment on IWD	0.0d	0.0d	17-Dec-13	16-Dec-13	24-Dec-13	16-Dec-13	0%
PE1820	Craft Review & Comment on IWD	0.6d	0.6d	17-Dec-13	16-Dec-13	18-Dec-13	16-Dec-13	0%
PE1850	IH Review & Comment on IWD	0.0d	0.0d	17-Dec-13	16-Dec-13	24-Dec-13	16-Dec-13	0%
PE1880	Incorporate Comments into IWD	0.5d	0.5d	24-Dec-13	23-Dec-13	25-Dec-13	23-Dec-13	0%
PE1890	Final Review & Approval of IWD	0.6d	0.6d	25-Dec-13	23-Dec-13	25-Dec-13	24-Dec-13	0%
PE1900	RLM Approval of IWD	0.6d	0.6d	25-Dec-13	24-Dec-13	01-Jan-14	24-Dec-13	0%
PE1910	FOD Approval of IWD	0.5d	0.5d	01-Jan-14	24-Dec-13	01-Jan-14	01-Jan-14	0%
PE1920	DAR for IWD	0.6d	0.6d	01-Jan-14	01-Jan-14	02-Jan-14	01-Jan-14	0%
PE1930	MC Submits IWD (E Copy) to TA55 USQ	0.5d	0.5d	02-Jan-14	01-Jan-14	02-Jan-14	02-Jan-14	0%
PE1940	USQ Review & Approval	0.6d	0.6d	03-Jan-14	02-Jan-14	03-Jan-14	02-Jan-14	0%
PE1950	Quality Review Checklist	0.6d	0.6d	03-Jan-14	03-Jan-14	06-Jan-14	03-Jan-14	0%
PE1960	Work Management Center Sets Passport to "Working"	0.5d	0.5d	06-Jan-14	03-Jan-14	06-Jan-14	06-Jan-14	0%
PE1970	Project Released for Construction	0.0d	0.0d			06-Jan-14	06-Jan-14	0%
D1.02.01.D4.03_OP.04.03_S.11 Construction Activities		184.0d	118.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	0%
DCF1290	RAD Protection	189.0d	121.0d	01-Oct-13	01-Oct-13	05-Jun-14	12-Jun-14	0%
CST1900	Begin Construction	0.0d	0.0d	06-Jan-14	14-Jan-14			0%
CST1910	LANL Construction Support FY14	50.0d	50.0d	06-Jan-14	14-Jan-14	19-Mar-14	26-Mar-14	0%
CST1930	Construction Complete	0.0d	0.0d			19-Mar-14	26-Mar-14	0%
D1.02.01.D4.03_OP.04.03_S.12 DCF Close Out		90.0d	90.0d	28-Jan-14	05-Feb-14	05-Jun-14	12-Jun-14	0%
CLS2000	Project Engineer (PE) Starts Project Close Out & Meets with C	2.0d	2.0d	28-Jan-14	05-Feb-14	30-Jan-14	06-Feb-14	0%
CLS2060	Provide Copy of FCRs to Design As-Built Group	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
DCF2070	Submit List of New Equipment / Removal to CM for MEL Update	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
CLS2030	Verify Post-Modification / Post-Maintenance Testing	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
CLS2080	Update All Priority Drawings to Reflect As-Built Conditions	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
CLS2040	Ensure Final Field Conditions Match the Design (*based on ave	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
CLS2050	Obtain Work Package Information Required for DCF Close Out	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
CLS2020	Submit List of New Equipment / Removal to CM for MEL Update	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
CLS2010	All Non-Conformance Reports are Dispositioned, Approved, anc	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
CLS2090	Ensure Impacted Documents are Revised / New Documents are	25.0d	25.0d	09-Apr-14	17-Apr-14	14-May-14	21-May-14	0%
CLS2100	Gather Final Close Out Documents & Route for Signatures	5.0d	5.0d	14-May-14	22-May-14	21-May-14	29-May-14	0%
CLS2110	Attach Completed PMT to DCF Database	3.0d	3.0d	21-May-14	30-May-14	27-May-14	03-Jun-14	0%
CLS2120	Send DCF to CM for Close Out	2.0d	2.0d	27-May-14	04-Jun-14	29-May-14	05-Jun-14	0%
CLS2130	Send DCF to IRM to Scan into Documentum for Archival / Retri	5.0d	5.0d	29-May-14	06-Jun-14	05-Jun-14	12-Jun-14	0%
CLS2150	DCF Close Out Complete Milestone	0.0d	0.0d			05-Jun-14	12-Jun-14	0%
D1.02.01.D4.03_OP.04.03_S.13 Safety Reviews		12.0d	3.0d	23-Oct-13	24-Oct-13	07-Nov-13	18-Dec-13	0%
DCF1200	Request USQ Initiation by Submitting Copy of DCF & Workflow	1.0d	0.0d	23-Oct-13	24-Oct-13	23-Oct-13	25-Oct-13	100%
DCF1210	Complete & Approve USQ and if applicable, Obtain Criticality R	5.0d	0.0d	24-Oct-13	08-Nov-13	30-Oct-13	15-Nov-13	100%
DCF1220	Complete Section 9.0 & Attach Approved USQ (and if applicabl	3.0d	0.0d	31-Oct-13	13-Nov-13	04-Nov-13	15-Nov-13	100%
DCF1230	Initiate Workflow for Section 9.0 to QEV and if Applicable to SI	3.0d	3.0d	05-Nov-13	15-Nov-13	07-Nov-13	18-Dec-13	90%
D1.02.01.D4.03_OP.04.04_S MD-2 Shipping/Receiving - Pre		229.0d	192.0d	21-Oct-13	21-Oct-13	26-Sep-14	26-Sep-14	12.46%
D1.02.01.D4.03_OP.04.04_S.01 Project Management		94.9d	58.0d	21-Oct-13	21-Oct-13	19-Mar-14	19-Mar-14	38.9%
A1110	Project Initiation	0.0d	0.0d	21-Oct-13	21-Oct-13			100%
A11338980	Prepare/Submit Engineering Service Request (ESR)	1.0d	0.0d	21-Oct-13	21-Oct-13	21-Oct-13	21-Oct-13	100%
A11338860	Develop Risk Ranking and Activity Request Form	1.0d	0.0d	21-Oct-13	21-Oct-13	21-Oct-13	22-Oct-13	100%
Oxide33350	Project Management through Title I	94.9d	58.0d	21-Oct-13	21-Oct-13	19-Mar-14	19-Mar-14	38.9%
A1000	Develop Statement of Need	2.0d	0.0d	31-Oct-13	25-Oct-13	01-Nov-13	25-Oct-13	100%
A1010	Submit Statement of Need to Program Management Working E	3.0d	0.0d	04-Nov-13	04-Nov-13	06-Nov-13	12-Nov-13	100%
A1020	Receive Statement of Need Approval	1.0d	0.0d	07-Nov-13	07-Nov-13	07-Nov-13	12-Nov-13	100%
A11338830	Prepare Class 5 Estimate	20.0d	10.0d	16-Dec-13	14-Nov-13	23-Jan-14	08-Jan-14	50%
A1070	Develop Requirements Criteria Document (RCD)	10.0d	2.5d	02-Dec-13	14-Nov-13	13-Dec-13	18-Dec-13	75%
A1030	Develop Technical Specifications and Requirements (TS&R)	9.0d	0.9d	08-Nov-13	15-Nov-13	21-Nov-13	16-Dec-13	90%
A11338840	Prepare/Submit PR-ID	1.0d	0.0d	22-Nov-13	18-Nov-13	22-Nov-13	04-Dec-13	100%
A11338990	Prepare/Obtain Approval Integrated Project Team Memorandum	3.0d	0.3d	21-Oct-13	18-Nov-13	23-Oct-13	16-Dec-13	90%
A11338870	TA-55 CCB meeting to review ranking	3.0d	0.0d	21-Oct-13	18-Nov-13	23-Oct-13	19-Nov-13	100%
A11338850	Respond to PR-ID Comments	1.0d	0.0d	25-Nov-13	19-Nov-13	25-Nov-13	05-Dec-13	100%
A1040	Prepare/Submit/Receive Funding Determination	5.0d	0.0d	24-Oct-13	21-Nov-13	30-Oct-13	09-Dec-13	100%
A11338890	Review/Modify Preliminary hazards Analysis (PHA)	10.0d	10.0d	21-Oct-13	16-Dec-13	01-Nov-13	08-Jan-14	0%
A11338920	Review/Modify Fire Hazards Analysis (FHA)	10.0d	10.0d	21-Oct-13	16-Dec-13	01-Nov-13	08-Jan-14	0%
A11338940	Perform Criticality Assessment	10.0d	10.0d	21-Oct-13	16-Dec-13	01-Nov-13	08-Jan-14	0%



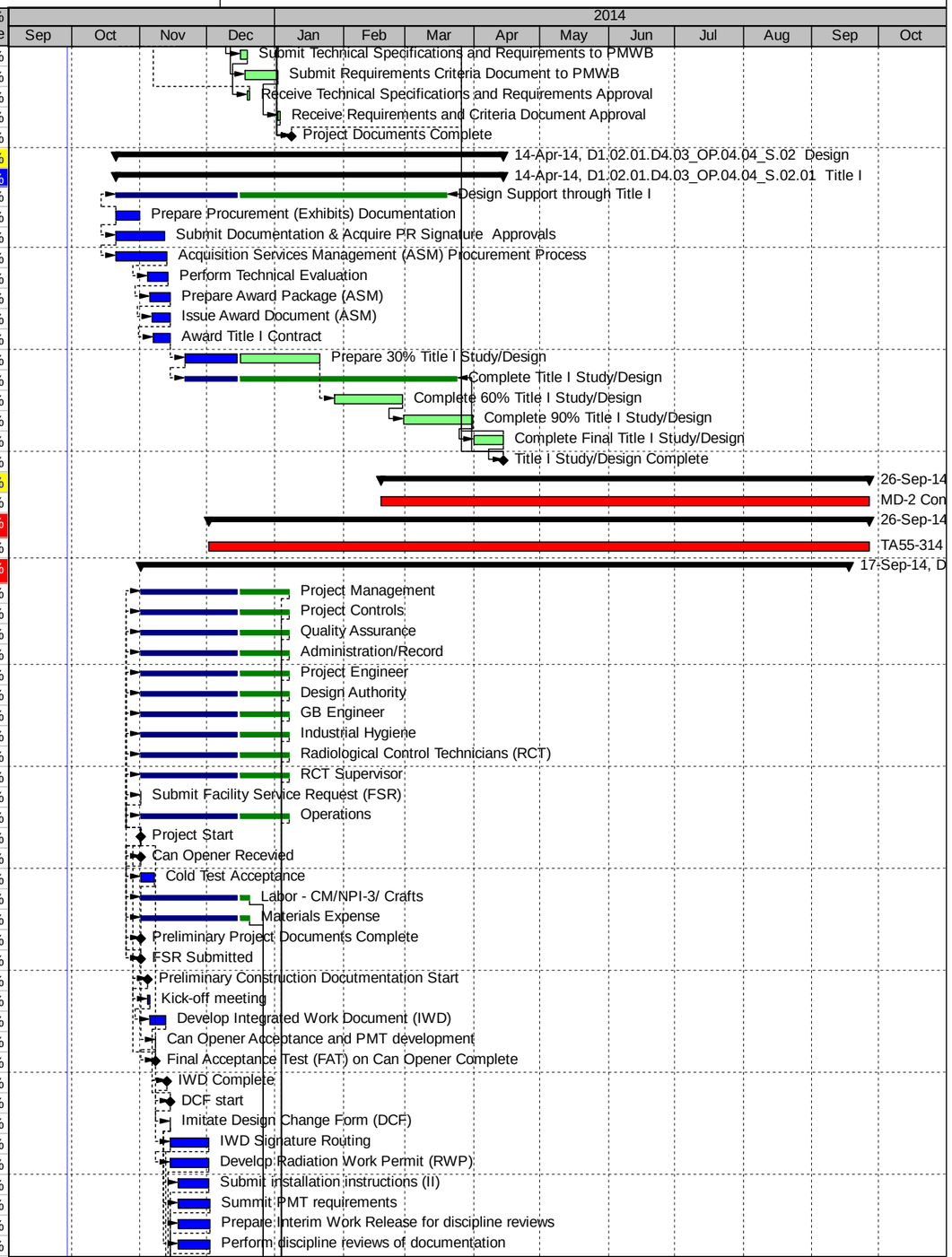
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original Duration	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
A1050	Submit Technical Specifications and Requirements to PMWB	3.0d	3.0d	22-Nov-13	16-Dec-13	26-Nov-13	19-Dec-13	0%
A1080	Submit Requirements Criteria Document to PMWB	3.0d	3.0d	16-Dec-13	18-Dec-13	18-Dec-13	02-Jan-14	0%
A1060	Receive Technical Specifications and Requirements Approval	1.0d	1.0d	27-Nov-13	19-Dec-13	27-Nov-13	20-Dec-13	0%
A1090	Receive Requirements and Criteria Document Approval	1.0d	1.0d	19-Dec-13	02-Jan-14	19-Dec-13	03-Jan-14	0%
A1100	Project Documents Complete	0.0d	0.0d			23-Jan-14	08-Jan-14	0%
D1.02.01.D4.03_OP.04.04_S.02_Design		112.9d	75.9d	21-Oct-13	21-Oct-13	19-Mar-14	14-Apr-14	42.15%
D1.02.01.D4.03_OP.04.04_S.02.01_Title I		112.9d	75.9d	21-Oct-13	21-Oct-13	19-Mar-14	14-Apr-14	42.15%
Oxide33360	Design Support through Title I	94.9d	58.0d	21-Oct-13	21-Oct-13	19-Mar-14	19-Mar-14	90%
A11338730	Prepare Procurement (Exhibits) Documentation	9.0d	0.0d	21-Oct-13	21-Oct-13	31-Oct-13	31-Oct-13	100%
A11338740	Submit Documentation & Acquire PR Signature Approvals	2.0d	0.0d	21-Oct-13	21-Oct-13	22-Oct-13	12-Nov-13	100%
A11338750	Acquisition Services Management (ASM) Procurement Process	11.0d	0.0d	21-Oct-13	21-Oct-13	04-Nov-13	13-Nov-13	100%
A11338760	Perform Technical Evaluation	2.0d	0.0d	04-Nov-13	04-Nov-13	05-Nov-13	14-Nov-13	100%
A11338770	Prepare Award Package (ASM)	2.0d	0.0d	05-Nov-13	05-Nov-13	06-Nov-13	15-Nov-13	100%
A11338780	Issue Award Document (ASM)	2.0d	0.0d	06-Nov-13	06-Nov-13	07-Nov-13	15-Nov-13	100%
A11338790	Award Title I Contract	2.0d	0.0d	07-Nov-13	07-Nov-13	08-Nov-13	15-Nov-13	100%
A11338800	Prepare 30% Title I Study/Design	22.0d	17.6d	18-Nov-13	21-Nov-13	19-Dec-13	21-Jan-14	20%
Oxide33340	Complete Title I Study/Design	75.9d	60.7d	18-Nov-13	21-Nov-13	19-Mar-14	24-Mar-14	20%
A11339030	Complete 60% Title I Study/Design	22.0d	22.0d	20-Dec-13	28-Jan-14	31-Jan-14	27-Feb-14	0%
A11339040	Complete 90% Title I Study/Design	22.0d	22.0d	03-Feb-14	28-Feb-14	05-Mar-14	31-Mar-14	0%
A11339050	Complete Final Title I Study/Design	10.0d	10.0d	06-Mar-14	01-Apr-14	19-Mar-14	14-Apr-14	0%
A11338820	Title I Study/Design Complete	0.0d	0.0d			19-Mar-14	14-Apr-14	0%
D1.02.01.D4.03_OP.04.04_S.09_Planning Package		156.0d	156.0d	18-Feb-14	18-Feb-14	26-Sep-14	26-Sep-14	0%
Oxide33330	MD-2 Container Preliminary Design (Planning Package)	156.0d	156.0d	18-Feb-14	18-Feb-14*	26-Sep-14	26-Sep-14	0%
D1.02.01.D4.03_OP.04.05_S_TA55-314 Upgrades		202.0d	202.0d	02-Dec-13	02-Dec-13	26-Sep-14	26-Sep-14	0%
Oxide33331	TA55-314 Upgrades (Planning Package)	202.0d	202.0d	02-Dec-13	02-Dec-13*	26-Sep-14	26-Sep-14	0%
D1.02.01.D4.03_OP.04.06_S_Can Opener, Inner Welder, anc		213.0d	185.0d	01-Nov-13	01-Nov-13	17-Sep-14	17-Sep-14	16.18%
CAN1000	Project Management	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1010	Project Controls	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1020	Quality Assurance	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1030	Administration/Record	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1040	Project Engineer	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1050	Design Authority	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1060	GB Engineer	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1070	Industrial Hygiene	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1080	Radiological Control Technicians (RCT)	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1090	RCT Supervisor	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1120	Submit Facility Service Request (FSR)	1.0d	0.0d	01-Nov-13	01-Nov-13	01-Nov-13	01-Nov-13	100%
CAN1100	Operations	36.0d	8.0d	01-Nov-13	01-Nov-13	06-Jan-14	07-Jan-14	77.7%
CAN1110	Project Start	0.0d	0.0d	01-Nov-13	01-Nov-13			100%
CAN1260	Can Opener Recevied	0.0d	0.0d	01-Nov-13	01-Nov-13			100%
CAN1270	Cold Test Acceptance	5.0d	0.0d	01-Nov-13	01-Nov-13	07-Nov-13	07-Nov-13	100%
Can1300	Labor - CM/NPI-3/ Crafts	29.0d	5.0d	01-Nov-13	01-Nov-13	16-Dec-13	20-Dec-13	82.76%
Can1310	Materials Expense	29.0d	5.0d	01-Nov-13	01-Nov-13	16-Dec-13	20-Dec-13	82.76%
CAN1140	Preliminary Project Documents Complete	0.0d	0.0d			01-Nov-13	01-Nov-13	100%
CAN1130	FSR Submitted	0.0d	0.0d			01-Nov-13	01-Nov-13	100%
Can1320	Preliminary Construction Docutmentation Start	0.0d	0.0d	04-Nov-13	04-Nov-13			100%
Can1330	Kick-off meeting	1.0d	0.0d	04-Nov-13	04-Nov-13	05-Nov-13	05-Nov-13	100%
Can1340	Develop Integrated Work Document (IWD)	10.0d	0.0d	05-Nov-13	05-Nov-13	20-Nov-13	12-Nov-13	100%
CAN1280	Can Opener Acceptance and PMT development	0.1d	0.0d	08-Nov-13	08-Nov-13	08-Nov-13	08-Nov-13	100%
CAN1290	Final Acceptance Test (FAT) on Can Opener Complete	0.0d	0.0d			08-Nov-13	08-Nov-13	100%
Can1350	IWD Complete	0.0d	0.0d			25-Nov-13	13-Nov-13	100%
Can1150	DCF start	0.0d	0.0d	25-Nov-13	15-Nov-13			100%
Can1160	Imitate Design Change Form (DCF)	1.0d	0.0d	25-Nov-13	15-Nov-13	25-Nov-13	15-Nov-13	100%
Can1360	IWD Signature Routing	2.0d	0.0d	25-Nov-13	15-Nov-13	26-Nov-13	02-Dec-13	100%
Can1390	Develop Radiation Work Permit (RWP)	3.0d	0.0d	25-Nov-13	15-Nov-13	27-Nov-13	02-Dec-13	100%
Can1190	Submit installation instructions (II)	3.0d	0.0d	26-Nov-13	18-Nov-13	02-Dec-13	02-Dec-13	100%
Can1200	Summit PMT requirements	3.0d	0.0d	26-Nov-13	18-Nov-13	02-Dec-13	02-Dec-13	100%
Can1210	Prepare Interim Work Release for discipline reviews	3.0d	0.0d	26-Nov-13	18-Nov-13	02-Dec-13	02-Dec-13	100%
Can1220	Perform discipline reviews of documentation	3.0d	0.0d	26-Nov-13	18-Nov-13	02-Dec-13	02-Dec-13	100%



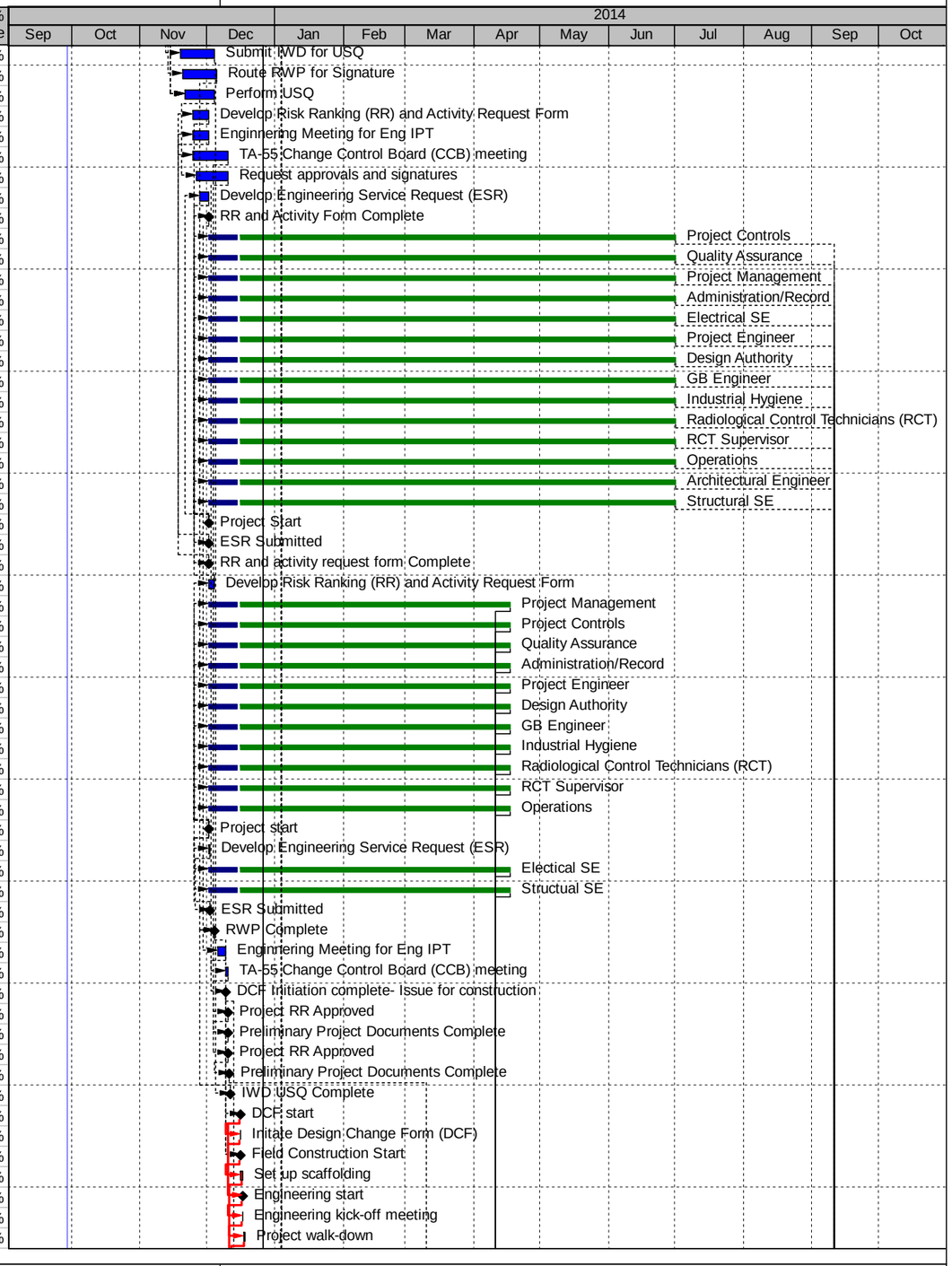
Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

FY14 Oxide Production

07-Jan-14 15:10

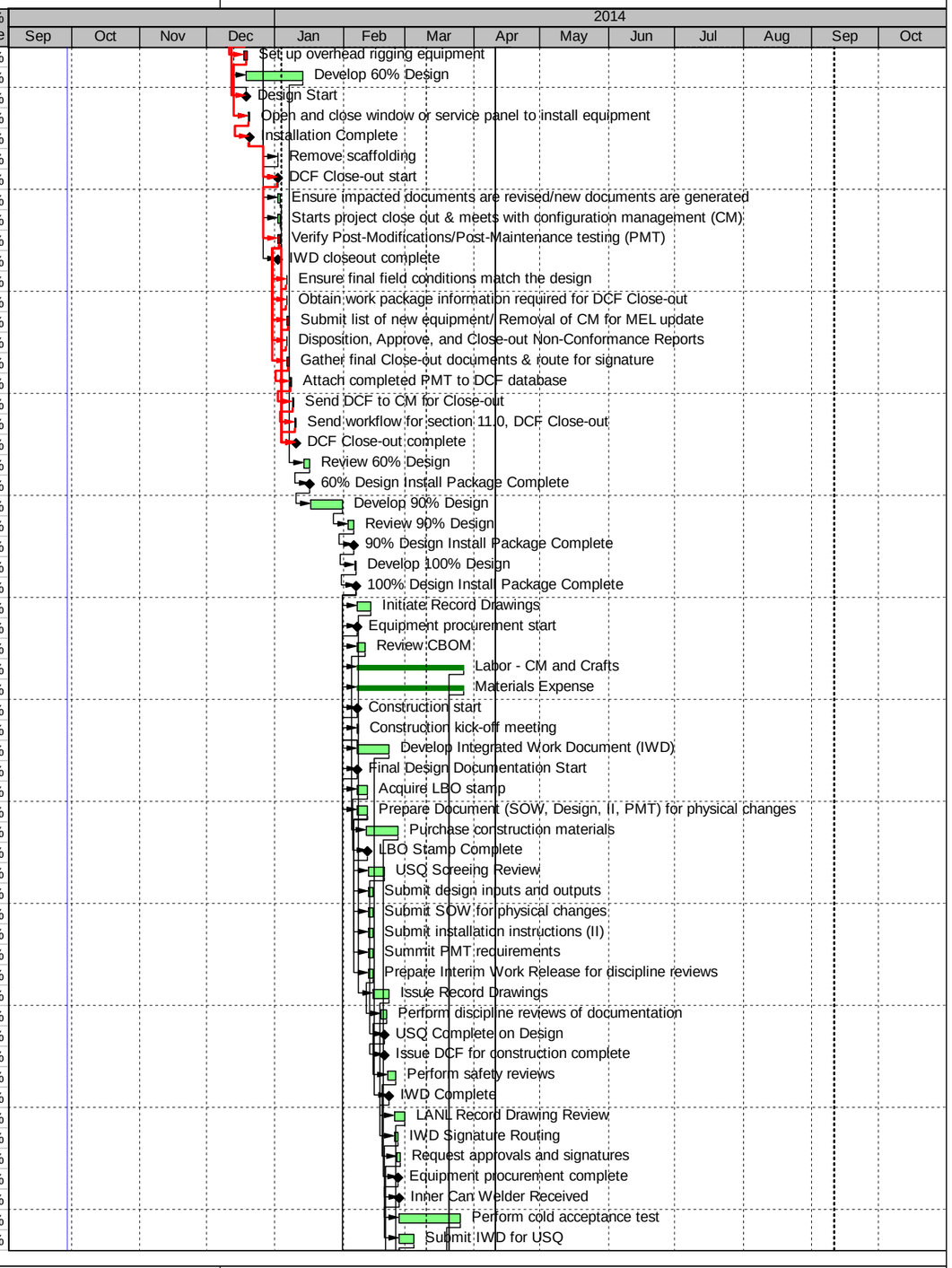
Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Can1370	Submit IWD for USQ	5.0d	0.0d	27-Nov-13	19-Nov-13	05-Dec-13	05-Dec-13	100%
Can1400	Route RWP for Signature	2.0d	0.0d	02-Dec-13	20-Nov-13	03-Dec-13	05-Dec-13	100%
Can1230	Perform USQ	3.0d	0.0d	03-Dec-13	21-Nov-13	05-Dec-13	05-Dec-13	100%
Can2850	Develop Risk Ranking (RR) and Activity Request Form	3.0d	0.0d	04-Mar-14	25-Nov-13	06-Mar-14	02-Dec-13	100%
Can2870	Enginnering Meeting for Eng IPT	3.0d	0.0d	07-Mar-14	25-Nov-13	11-Mar-14	02-Dec-13	100%
Can2880	TA-55 Change Control Board (CCB) meeting	3.0d	0.0d	12-Mar-14	25-Nov-13	14-Mar-14	11-Dec-13	100%
Can1240	Request approvals and signatures	2.0d	0.0d	06-Dec-13	26-Nov-13	09-Dec-13	10-Dec-13	100%
Can2830	Develop Engineering Service Request (ESR)	1.0d	0.0d	03-Mar-14	28-Nov-13	03-Mar-14	02-Dec-13	100%
Can1830	RR and Activity Form Complete	0.0d	0.0d			05-Dec-13	02-Dec-13	100%
CAN2690	Project Controls	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2700	Quality Assurance	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2680	Project Management	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2710	Administration/Record	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2800	Electrical SE	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2720	Project Engineer	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2730	Design Authority	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2740	GB Engineer	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2750	Industrial Hygiene	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2760	Radiological Control Technicians (RCT)	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2770	RCT Supervisor	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2780	Operations	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2790	Architectural Engineer	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
CAN2810	Structural SE	140.0d	130.2d	03-Mar-14	02-Dec-13	17-Sep-14	01-Jul-14	7%
Can2820	Project Start	0.0d	0.0d	03-Mar-14	02-Dec-13			100%
Can2840	ESR Submitted	0.0d	0.0d			03-Mar-14	02-Dec-13	100%
Can2860	RR and activity request form Complete	0.0d	0.0d			06-Mar-14	02-Dec-13	100%
Can1820	Develop Risk Ranking (RR) and Activity Request Form	3.0d	0.0d	03-Dec-13	02-Dec-13	05-Dec-13	04-Dec-13	100%
CAN1680	Project Management	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1690	Project Controls	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1700	Quality Assurance	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1710	Administration/Record	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1720	Project Engineer	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1730	Design Authority	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1740	GB Engineer	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1750	Industrial Hygiene	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1760	Radiological Control Technicians (RCT)	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1770	RCT Supervisor	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN1780	Operations	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
Can1790	Project start	0.0d	0.0d	02-Dec-13	02-Dec-13			100%
Can1800	Develop Engineering Service Request (ESR)	1.0d	0.0d	02-Dec-13	02-Dec-13	02-Dec-13	02-Dec-13	100%
CAN2670	Electical SE	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
CAN3760	Structual SE	89.0d	79.0d	02-Dec-13	02-Dec-13	17-Apr-14	17-Apr-14	11.24%
Can1810	ESR Submitted	0.0d	0.0d			02-Dec-13	02-Dec-13	100%
Can1410	RWP Complete	0.0d	0.0d			05-Dec-13	05-Dec-13	100%
Can1840	Enginnering Meeting for Eng IPT	3.0d	0.0d	06-Dec-13	06-Dec-13	10-Dec-13	09-Dec-13	100%
Can1850	TA-55 Change Control Board (CCB) meeting	3.0d	0.0d	11-Dec-13	10-Dec-13	13-Dec-13	11-Dec-13	100%
Can1250	DCF Initiation complete- Issue for construction	0.0d	0.0d			09-Dec-13	10-Dec-13	100%
Can1860	Project RR Approved	0.0d	0.0d			13-Dec-13	11-Dec-13	100%
Can1870	Preliminary Project Documents Complete	0.0d	0.0d			13-Dec-13	11-Dec-13	100%
Can2890	Project RR Approved	0.0d	0.0d			14-Mar-14	11-Dec-13	100%
Can2900	Preliminary Project Documents Complete	0.0d	0.0d			14-Mar-14	11-Dec-13	100%
Can1380	IWD USQ Complete	0.0d	0.0d			05-Dec-13	12-Dec-13	100%
Can1880	DCF start	0.0d	0.0d	16-Dec-13	16-Dec-13			0%
Can1920	Initate Design Change Form (DCF)	1.0d	1.0d	16-Dec-13	16-Dec-13	16-Dec-13	16-Dec-13	0%
Can1420	Field Construction Start	0.0d	0.0d	10-Dec-13	16-Dec-13			0%
Can1440	Set up scaffolding	2.0d	2.0d	10-Dec-13	16-Dec-13	11-Dec-13	17-Dec-13	0%
Can2000	Engineering start	0.0d	0.0d	17-Dec-13	17-Dec-13			0%
Can2010	Engineering kick-off meeting	1.0d	1.0d	17-Dec-13	17-Dec-13	17-Dec-13	17-Dec-13	0%
Can2020	Project walk-down	1.0d	1.0d	18-Dec-13	18-Dec-13	18-Dec-13	18-Dec-13	0%



Remaining Level of Effort | Actual Work | Critical Remaining Work | S
Actual Level of Effort | Remaining Work | Milestone

TASK filter: FY14 Only Oxide Production.

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Can1450	Set up overhead rigging equipment	2.0d	2.0d	12-Dec-13	18-Dec-13	13-Dec-13	19-Dec-13	0%
Can2040	Develop 60% Design	10.0d	10.0d	19-Dec-13	19-Dec-13	13-Jan-14	13-Jan-14	0%
Can2030	Design Start	0.0d	0.0d	19-Dec-13	19-Dec-13*			0%
Can1460	Open and close window or service panel to install equipment	1.0d	1.0d	16-Dec-13	20-Dec-13	16-Dec-13	20-Dec-13	0%
Can1490	Installation Complete	0.0d	0.0d			16-Dec-13	20-Dec-13	0%
Can1500	Remove scaffolding	1.0d	1.0d	17-Dec-13	02-Jan-14	17-Dec-13	02-Jan-14	0%
Can1530	DCF Close-out start	0.0d	0.0d	17-Dec-13	02-Jan-14			0%
Can1550	Ensure impacted documents are revised/new documents are ge	2.0d	2.0d	17-Dec-13	02-Jan-14	18-Dec-13	03-Jan-14	0%
Can1560	Starts project close out & meets with configuration managemer	2.0d	2.0d	17-Dec-13	02-Jan-14	18-Dec-13	03-Jan-14	0%
Can1570	Verify Post-Modifications/Post-Maintenance testing (PMT)	2.0d	2.0d	17-Dec-13	02-Jan-14	18-Dec-13	03-Jan-14	0%
Can1520	IWD closeout complete	0.0d	0.0d			17-Dec-13	02-Jan-14	0%
Can1580	Ensure final field conditions match the design	1.0d	1.0d	19-Dec-13	06-Jan-14	19-Dec-13	06-Jan-14	0%
Can1590	Obtain work package information required for DCF Close-out	1.0d	1.0d	19-Dec-13	06-Jan-14	19-Dec-13	06-Jan-14	0%
Can1600	Submit list of new equipment/ Removal of CM for MEL update	2.0d	2.0d	19-Dec-13	06-Jan-14	20-Dec-13	07-Jan-14	0%
Can1610	Disposition, Approve, and Close-out Non-Conformance Reports	1.0d	1.0d	19-Dec-13	06-Jan-14	19-Dec-13	06-Jan-14	0%
Can1620	Gather final Close-out documents & route for signature	2.0d	2.0d	19-Dec-13	06-Jan-14	20-Dec-13	07-Jan-14	0%
Can1630	Attach completed PMT to DCF database	1.0d	1.0d	02-Jan-14	08-Jan-14	02-Jan-14	08-Jan-14	0%
Can1640	Send DCF to CM for Close-out	1.0d	1.0d	03-Jan-14	09-Jan-14	03-Jan-14	09-Jan-14	0%
Can1650	Send workflow for section 11.0, DCF Close-out	1.0d	1.0d	06-Jan-14	10-Jan-14	06-Jan-14	10-Jan-14	0%
Can1660	DCF Close-out complete	0.0d	0.0d			06-Jan-14	10-Jan-14*	0%
Can2050	Review 60% Design	3.0d	3.0d	14-Jan-14	14-Jan-14	16-Jan-14	16-Jan-14	0%
Can2060	60% Design Install Package Complete	0.0d	0.0d			16-Jan-14	16-Jan-14	0%
Can2070	Develop 90% Design	10.0d	10.0d	17-Jan-14	17-Jan-14	31-Jan-14	31-Jan-14	0%
Can2080	Review 90% Design	3.0d	3.0d	03-Feb-14	03-Feb-14	05-Feb-14	05-Feb-14	0%
Can2090	90% Design Install Package Complete	0.0d	0.0d			05-Feb-14	05-Feb-14	0%
Can2100	Develop 100% Design	1.0d	1.0d	06-Feb-14	06-Feb-14	06-Feb-14	06-Feb-14	0%
Can2110	100% Design Install Package Complete	0.0d	0.0d			06-Feb-14	06-Feb-14	0%
Can2180	Initiate Record Drawings	5.0d	5.0d	07-Feb-14	07-Feb-14	13-Feb-14	13-Feb-14	0%
Can2220	Equipment procurement start	0.0d	0.0d	07-Feb-14	07-Feb-14			0%
Can2230	Review CBOM	2.0d	2.0d	07-Feb-14	07-Feb-14	10-Feb-14	10-Feb-14	0%
Can2300	Labor - CM and Crafts	34.0d	34.0d	07-Feb-14	07-Feb-14	27-Mar-14	27-Mar-14	0%
Can2310	Materials Expense	34.0d	34.0d	07-Feb-14	07-Feb-14	27-Mar-14	27-Mar-14	0%
Can2320	Construction start	0.0d	0.0d	07-Feb-14	07-Feb-14			0%
Can2330	Construction kick-off meeting	1.0d	1.0d	07-Feb-14	07-Feb-14	07-Feb-14	07-Feb-14	0%
Can2340	Develop Integrated Work Document (IWD)	10.0d	10.0d	07-Feb-14	07-Feb-14	21-Feb-14	21-Feb-14	0%
Can2120	Final Design Documentation Start	0.0d	0.0d	07-Feb-14	07-Feb-14			0%
Can2130	Acquire LBO stamp	3.0d	3.0d	07-Feb-14	07-Feb-14	11-Feb-14	11-Feb-14	0%
Can1910	Prepare Document (SOW, Design, II, PMT) for physical change	3.0d	3.0d	07-Feb-14	07-Feb-14	11-Feb-14	11-Feb-14	0%
Can2240	Purchase construction materials	10.0d	10.0d	11-Feb-14	11-Feb-14	25-Feb-14	25-Feb-14	0%
Can2140	LBO Stamp Complete	0.0d	0.0d			11-Feb-14	11-Feb-14	0%
Can2150	USQ Screeing Review	5.0d	5.0d	12-Feb-14	12-Feb-14	19-Feb-14	19-Feb-14	0%
Can1890	Submit design inputs and outputs	3.0d	3.0d	12-Feb-14	12-Feb-14	14-Feb-14	14-Feb-14	0%
Can1900	Submit SOW for physical changes	3.0d	3.0d	12-Feb-14	12-Feb-14	14-Feb-14	14-Feb-14	0%
Can1930	Submit installation instructions (II)	3.0d	3.0d	12-Feb-14	12-Feb-14	14-Feb-14	14-Feb-14	0%
Can1940	Summit PMT requirements	3.0d	3.0d	12-Feb-14	12-Feb-14	14-Feb-14	14-Feb-14	0%
Can1950	Prepare Interim Work Release for discipline reviews	3.0d	3.0d	12-Feb-14	12-Feb-14	14-Feb-14	14-Feb-14	0%
Can2190	Issue Record Drawings	5.0d	5.0d	14-Feb-14	14-Feb-14	21-Feb-14	21-Feb-14	0%
Can1960	Perform discipline reviews of documentation	3.0d	3.0d	18-Feb-14	18-Feb-14	20-Feb-14	20-Feb-14	0%
Can2160	USQ Complete on Design	0.0d	0.0d			19-Feb-14	19-Feb-14	0%
Can2170	Issue DCF for construction complete	0.0d	0.0d			19-Feb-14	19-Feb-14	0%
Can1970	Perform safety reviews	2.0d	2.0d	21-Feb-14	21-Feb-14	24-Feb-14	24-Feb-14	0%
Can2350	IWD Complete	0.0d	0.0d			21-Feb-14	21-Feb-14	0%
Can2200	LANL Record Drawing Review	5.0d	5.0d	24-Feb-14	24-Feb-14	28-Feb-14	28-Feb-14	0%
Can2360	IWD Signature Routing	2.0d	2.0d	24-Feb-14	24-Feb-14	25-Feb-14	25-Feb-14	0%
Can1980	Request approvals and signatures	2.0d	2.0d	25-Feb-14	25-Feb-14	26-Feb-14	26-Feb-14	0%
Can2250	Equipment procurement complete	0.0d	0.0d			25-Feb-14	25-Feb-14	0%
Can2260	Inner Can Welder Received	0.0d	0.0d	26-Feb-14	26-Feb-14			0%
Can2270	Perform cold acceptance test	20.0d	20.0d	26-Feb-14	26-Feb-14	25-Mar-14	25-Mar-14	0%
Can2370	Submit IWD for USQ	5.0d	5.0d	26-Feb-14	26-Feb-14	04-Mar-14	04-Mar-14	0%



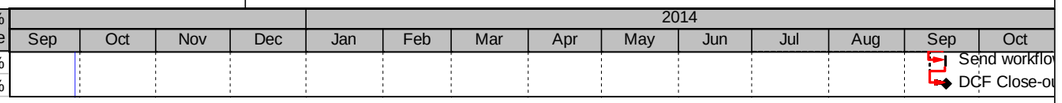
Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Can1990	DCF Initiation complete- issue for Construction	0.0d	0.0d			26-Feb-14	26-Feb-14	0%
Can2210	Record Drawings Complete	5.0d	5.0d	03-Mar-14	03-Mar-14	07-Mar-14	07-Mar-14	0%
Can2380	IWD USQ Complete	0.0d	0.0d			04-Mar-14	04-Mar-14	0%
Can2390	Develop Radiation Work Permit (RWP)	3.0d	3.0d	05-Mar-14	05-Mar-14	07-Mar-14	07-Mar-14	0%
Can2400	Route RWP for Signature	2.0d	2.0d	10-Mar-14	10-Mar-14	11-Mar-14	11-Mar-14	0%
Can2410	RWP Complete	0.0d	0.0d			11-Mar-14	11-Mar-14	0%
Can2420	Field Construction Start	0.0d	0.0d	12-Mar-14	12-Mar-14			0%
Can2430	LO/TO Electrical Services	1.0d	1.0d	12-Mar-14	12-Mar-14	12-Mar-14	12-Mar-14	0%
Can2440	Install Inner Can Welder Skid	2.0d	2.0d	13-Mar-14	13-Mar-14	14-Mar-14	14-Mar-14	0%
Can2450	Anchor Inner Can Welder Skid	5.0d	5.0d	17-Mar-14	17-Mar-14	21-Mar-14	21-Mar-14	0%
Can2910	DCF start	0.0d	0.0d	17-Mar-14	17-Mar-14*			0%
Can2920	Imitate Design Change Form (DCF)	1.0d	1.0d	17-Mar-14	17-Mar-14	17-Mar-14	17-Mar-14	0%
Can3030	Engineering start	0.0d	0.0d	17-Mar-14	17-Mar-14			0%
Can3040	Engineering kick-off meeting	1.0d	1.0d	17-Mar-14	17-Mar-14	17-Mar-14	17-Mar-14	0%
Can3050	Project walk-down	1.0d	1.0d	18-Mar-14	18-Mar-14	18-Mar-14	18-Mar-14	0%
Can3060	Design Start	0.0d	0.0d	19-Mar-14	19-Mar-14			0%
Can3070	Develop 60% Design	20.0d	20.0d	19-Mar-14	19-Mar-14	15-Apr-14	15-Apr-14	0%
Can2460	Connect Electrical Services	3.0d	3.0d	24-Mar-14	24-Mar-14	26-Mar-14	26-Mar-14	0%
Can2280	Install Inner Can Welder (Planning Package) PMT development	1.0d	1.0d	26-Mar-14	26-Mar-14	26-Mar-14	26-Mar-14	0%
Can2470	Remove LO/TO	1.0d	1.0d	27-Mar-14	27-Mar-14	27-Mar-14	27-Mar-14	0%
Can3770	Hot Acceptance Test- PMT development	5.0d	5.0d	27-Mar-14	27-Mar-14	02-Apr-14	02-Apr-14	0%
Can2480	Inner Can Welder Installation Complete	0.0d	0.0d			27-Mar-14	27-Mar-14	0%
Can2490	Develop PMT	3.0d	3.0d	28-Mar-14	28-Mar-14	01-Apr-14	01-Apr-14	0%
Can2500	PMT Complete	0.0d	0.0d			01-Apr-14	01-Apr-14	0%
Can2510	IWD closeout complete	0.0d	0.0d			01-Apr-14	01-Apr-14	0%
Can2520	DCF Close-out start	0.0d	0.0d	02-Apr-14	02-Apr-14			0%
Can2530	Update all priority drawings to reflect as-built conditions	2.0d	2.0d	02-Apr-14	02-Apr-14	03-Apr-14	03-Apr-14	0%
Can2540	Ensure impacted documents are revised/new documents are ge	2.0d	2.0d	02-Apr-14	02-Apr-14	03-Apr-14	03-Apr-14	0%
Can2550	PE starts project close out & meets with configuration manager	2.0d	2.0d	02-Apr-14	02-Apr-14	03-Apr-14	03-Apr-14	0%
Can2560	Verify Post-Modifications/Post-Maintenance testing (PMT)	2.0d	2.0d	02-Apr-14	02-Apr-14	03-Apr-14	03-Apr-14	0%
Can2570	Ensure final field conditions match the design	1.0d	1.0d	02-Apr-14	02-Apr-14	02-Apr-14	02-Apr-14	0%
Can2580	Obtain work package information required for DCF Close-out	1.0d	1.0d	03-Apr-14	03-Apr-14	03-Apr-14	03-Apr-14	0%
Can2590	Submit list of new equipment/ Removal of CM for MEL update	2.0d	2.0d	03-Apr-14	03-Apr-14	04-Apr-14	04-Apr-14	0%
Can2600	Disposition, Approve, and Close-out Non-Conformance Reports	1.0d	1.0d	03-Apr-14	03-Apr-14	03-Apr-14	03-Apr-14	0%
Can2610	Provide copy of FCRs to Design As-Built group	2.0d	2.0d	03-Apr-14	03-Apr-14	04-Apr-14	04-Apr-14	0%
Can2620	Gather final Close-out documents & route for signature	5.0d	5.0d	03-Apr-14	03-Apr-14	09-Apr-14	09-Apr-14	0%
Can2630	Attach completed PMT to DCF database	1.0d	1.0d	03-Apr-14	03-Apr-14	03-Apr-14	03-Apr-14	0%
Can3780	Inner Can Acceptance- PMT Development	5.0d	5.0d	10-Apr-14	03-Apr-14	16-Apr-14	09-Apr-14	0%
Can2640	Send DCF to CM for Close-out	5.0d	5.0d	04-Apr-14	04-Apr-14	10-Apr-14	10-Apr-14	0%
Can2290	Final Acceptance Test (FAT) on Inner Can Welder Complete	0.0d	0.0d			16-Apr-14	09-Apr-14	0%
Can2650	Send workflow for section 11.0, DCF Close-out	5.0d	5.0d	11-Apr-14	11-Apr-14	17-Apr-14	17-Apr-14	0%
Can3080	Review 60% Design	3.0d	3.0d	16-Apr-14	16-Apr-14	18-Apr-14	18-Apr-14	0%
Can2660	DCF Close-out complete	0.0d	0.0d			17-Apr-14	17-Apr-14	0%
Can3090	60% Design Install Package Complete	0.0d	0.0d			18-Apr-14	18-Apr-14	0%
Can3100	Develop 90% Design	20.0d	20.0d	21-Apr-14	21-Apr-14	16-May-14	16-May-14	0%
Can3110	Review 90% Design	3.0d	3.0d	19-May-14	19-May-14	21-May-14	21-May-14	0%
Can3120	90% Design Install Package Complete	0.0d	0.0d			21-May-14	21-May-14	0%
Can3130	Develop 100% Design	1.0d	1.0d	22-May-14	22-May-14	22-May-14	22-May-14	0%
Can3140	100% Design Install Package Complete	0.0d	0.0d			22-May-14	22-May-14	0%
Can3150	Final Design Documentation Start	0.0d	0.0d	23-May-14	23-May-14			0%
Can3160	Acquire LBO stamp	3.0d	3.0d	23-May-14	23-May-14	28-May-14	28-May-14	0%
Can3250	Equipment procurement start	0.0d	0.0d	23-May-14	23-May-14			0%
Can3260	Review CBOM	2.0d	2.0d	23-May-14	23-May-14	27-May-14	27-May-14	0%
Can2930	Prepare Document (SOW, Design, II, PMT) for physical change	3.0d	3.0d	23-May-14	23-May-14	28-May-14	28-May-14	0%
Can3270	Purchase construction materials	10.0d	10.0d	28-May-14	28-May-14	10-Jun-14	10-Jun-14	0%
Can3170	LBO Stamp Complete	0.0d	0.0d			28-May-14	28-May-14	0%
Can3180	USQ Screeing Review	5.0d	5.0d	29-May-14	29-May-14	04-Jun-14	04-Jun-14	0%
Can2940	Submit SOW for physical changes	3.0d	3.0d	29-May-14	29-May-14	02-Jun-14	02-Jun-14	0%
Can2950	Submit design inputs and outputs	3.0d	3.0d	29-May-14	29-May-14	02-Jun-14	02-Jun-14	0%

FY14 Oxide Production

07-Jan-14 15:10

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Can2960	Submit installation instructions (II)	3.0d	3.0d	29-May-14	29-May-14	02-Jun-14	02-Jun-14	0%
Can2970	Summit PMT requirements	3.0d	3.0d	29-May-14	29-May-14	02-Jun-14	02-Jun-14	0%
Can2980	Prepare Interim Work Release for discipline reviews	3.0d	3.0d	03-Jun-14	03-Jun-14	05-Jun-14	05-Jun-14	0%
Can3190	USQ Complete on Design	0.0d	0.0d			04-Jun-14	04-Jun-14	0%
Can3200	Issue DCF for construction complete	0.0d	0.0d			04-Jun-14	04-Jun-14	0%
Can3210	Initiate Record Drawings	5.0d	5.0d	05-Jun-14	05-Jun-14	11-Jun-14	11-Jun-14	0%
Can2990	Perform discipline reviews of documentation	3.0d	3.0d	06-Jun-14	06-Jun-14	10-Jun-14	10-Jun-14	0%
Can3280	Equipment procurement complete	0.0d	0.0d			10-Jun-14	10-Jun-14	0%
Can3290	Outer Can Welder Received	0.0d	0.0d	11-Jun-14	11-Jun-14			0%
Can3300	Perform cold acceptance test	20.0d	20.0d	11-Jun-14	11-Jun-14	09-Jul-14	09-Jul-14	0%
Can3000	Perform safety reviews	2.0d	2.0d	11-Jun-14	11-Jun-14	12-Jun-14	12-Jun-14	0%
Can3220	Issue Record Drawings	5.0d	5.0d	12-Jun-14	12-Jun-14	18-Jun-14	18-Jun-14	0%
Can3010	Request approvals and signatures	2.0d	2.0d	13-Jun-14	13-Jun-14	16-Jun-14	16-Jun-14	0%
Can3020	DCF Initiation complete	0.0d	0.0d			16-Jun-14	16-Jun-14	0%
Can3350	Labor - CM and Crafts	51.0d	51.0d	17-Jun-14	17-Jun-14	27-Aug-14	27-Aug-14	0%
Can3360	Materials Expense	51.0d	51.0d	17-Jun-14	17-Jun-14	27-Aug-14	27-Aug-14	0%
Can3370	Construction start	0.0d	0.0d	17-Jun-14	17-Jun-14			0%
Can3380	Construction kick-off meeting	1.0d	1.0d	17-Jun-14	17-Jun-14	17-Jun-14	17-Jun-14	0%
Can3390	Develop Integrated Work Document (IWD)	10.0d	10.0d	17-Jun-14	17-Jun-14	30-Jun-14	30-Jun-14	0%
Can3230	LANL Record Drawing Review	5.0d	5.0d	19-Jun-14	19-Jun-14	25-Jun-14	25-Jun-14	0%
Can3240	Record Drawings Complete	5.0d	5.0d	26-Jun-14	26-Jun-14	02-Jul-14	02-Jul-14	0%
Can3400	IWD Complete	0.0d	0.0d			30-Jun-14	30-Jun-14	0%
Can3410	IWD Signature Routing	2.0d	2.0d	01-Jul-14	01-Jul-14	02-Jul-14	02-Jul-14	0%
Can3420	Submit IWD for USQ	5.0d	5.0d	03-Jul-14	03-Jul-14	10-Jul-14	10-Jul-14	0%
Can3310	Install Outer Can Welder (Planning Package) PMT development	1.0d	1.0d	10-Jul-14	10-Jul-14	10-Jul-14	10-Jul-14	0%
Can3430	IWD USQ Complete	0.0d	0.0d			10-Jul-14	10-Jul-14	0%
Can3320	Hot Acceptance Test (Planning Package) PMT development	5.0d	5.0d	11-Jul-14	11-Jul-14	17-Jul-14	17-Jul-14	0%
Can3440	RWP Complete	3.0d	3.0d	11-Jul-14	11-Jul-14	15-Jul-14	15-Jul-14	0%
Can3450	Route RWP for Signature	2.0d	2.0d	16-Jul-14	16-Jul-14	17-Jul-14	17-Jul-14	0%
Can3460	RWP Complete	0.0d	0.0d			17-Jul-14	17-Jul-14	0%
Can3330	Outer Can Accptance Test - PMT development	5.0d	5.0d	18-Jul-14	18-Jul-14	24-Jul-14	24-Jul-14	0%
Can3470	Field Construction Start	0.0d	0.0d	18-Jul-14	18-Jul-14			0%
Can3480	LO/TO Electrical Services	1.0d	1.0d	18-Jul-14	18-Jul-14	18-Jul-14	18-Jul-14	0%
Can3490	LO/TO Mechanical piping services	1.0d	1.0d	21-Jul-14	21-Jul-14	21-Jul-14	21-Jul-14	0%
Can3500	Disconnect existing welding enclosure utilities	5.0d	5.0d	22-Jul-14	22-Jul-14	28-Jul-14	28-Jul-14	0%
Can3340	Final Acceptance Test (FAT) on Outer Can Welder Complete	0.0d	0.0d			24-Jul-14	24-Jul-14	0%
Can3510	Remove enclosure and store in adjacent rooms	5.0d	5.0d	29-Jul-14	29-Jul-14	04-Aug-14	04-Aug-14	0%
Can3520	Install new outer welding closure	2.0d	2.0d	05-Aug-14	05-Aug-14	06-Aug-14	06-Aug-14	0%
Can3530	Anchor new welding enclosure	5.0d	5.0d	07-Aug-14	07-Aug-14	13-Aug-14	13-Aug-14	0%
Can3540	Reconnect electrical and piping utiliites	5.0d	5.0d	14-Aug-14	14-Aug-14	20-Aug-14	20-Aug-14	0%
Can3550	Remove Electrical LO/TO	1.0d	1.0d	21-Aug-14	21-Aug-14	21-Aug-14	21-Aug-14	0%
Can3560	Remove Mechanical piping LO/TO	1.0d	1.0d	22-Aug-14	22-Aug-14	22-Aug-14	22-Aug-14	0%
Can3570	Installation Complete	0.0d	0.0d			22-Aug-14	22-Aug-14	0%
Can3580	Develop PMT	3.0d	3.0d	25-Aug-14	25-Aug-14	27-Aug-14	27-Aug-14	0%
Can3590	PMT Complete	0.0d	0.0d			27-Aug-14	27-Aug-14	0%
Can3600	IWD closeout complete	0.0d	0.0d			27-Aug-14	27-Aug-14	0%
Can3610	DCF Close-out start	0.0d	0.0d			27-Aug-14	27-Aug-14	0%
Can3620	Update all priority drawings to reflect as-built conditions	2.0d	2.0d	28-Aug-14	28-Aug-14	29-Aug-14	29-Aug-14	0%
Can3630	Ensure impacted documents are revised/new documents are ge	2.0d	2.0d	28-Aug-14	28-Aug-14	29-Aug-14	29-Aug-14	0%
Can3640	PE starts project close out & meets with configuration manager	2.0d	2.0d	28-Aug-14	28-Aug-14	29-Aug-14	29-Aug-14	0%
Can3650	Verify Post-Modifications/Post-Maintenance testing (PMT)	2.0d	2.0d	28-Aug-14	28-Aug-14	29-Aug-14	29-Aug-14	0%
Can3660	Ensure final field conditions match the design	1.0d	1.0d	02-Sep-14	02-Sep-14	02-Sep-14	02-Sep-14	0%
Can3670	Obtain work package information required for DCF Close-out	1.0d	1.0d	03-Sep-14	03-Sep-14	03-Sep-14	03-Sep-14	0%
Can3680	Submit list of new equipment/ Removal of CM for MEL update	2.0d	2.0d	04-Sep-14	04-Sep-14	05-Sep-14	05-Sep-14	0%
Can3690	Disposition, Approve, and Close-out Non-Conformance Reports	1.0d	1.0d	08-Sep-14	08-Sep-14	08-Sep-14	08-Sep-14	0%
Can3700	Provide copy of FCRs to Design As-Built group	2.0d	2.0d	09-Sep-14	09-Sep-14	10-Sep-14	10-Sep-14	0%
Can3710	Gather final Close-out documents & route for signature	2.0d	2.0d	11-Sep-14	11-Sep-14	12-Sep-14	12-Sep-14	0%
Can3720	Attach completed PMT to DCF database	1.0d	1.0d	15-Sep-14	15-Sep-14	15-Sep-14	15-Sep-14	0%
Can3730	Send DCF to CM for Close-out	1.0d	1.0d	16-Sep-14	16-Sep-14	16-Sep-14	16-Sep-14	0%

Activity ID	Activity Name	Original	Remaining Duration	BL1 Start	Start	BL1 Finish	Finish	Performance % Complete
Can3740	Send workflow for section 11.0, DCF Close-out	1.0d	1.0d	17-Sep-14	17-Sep-14	17-Sep-14	17-Sep-14	0%
Can3750	DCF Close-out complete	0.0d	0.0d			17-Sep-14	17-Sep-14	0%



APPENDIX E:
Spend Plan

APPENDIX E - FY14 Spend Plan & Actuals

LANL	FY 2014 Total Available to Cost	FY 2014 Actual Cost												
		Oct-13 Actuals	Nov-13 Actuals	Dec-13 Actuals	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	FY 2014 Cumulative Cost
MA-7B Pu														
STARS TOTAL														
Cong. Rpt Adjusted Total	**50,363,850**	**2,014,211**	**1,868,753**	**2,660,659**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6,543,625**
NN6001030 - ARIES	50,348,586	2,014,211	1,868,753	2,660,659	0	0	0	0	0	0	0	0	0	6,543,625
NN6001030 - LLNL SSP Modern Foundry estimate	15,264													0
2MT Work Packages	**50,348,586**	**2,014,211**	**1,868,753**	**2,660,659**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6,543,625**
Pit Disassembly	996,544	119,895	84,396	91,518										295,809
Material Shipping and Receiving	1,399,164	14,431	13,578	72,148										100,157
Pu Conversion	3,319,650	180,487	139,409	209,203										529,099
Packaging	1,333,869	185,615	164,241	364,716										714,572
Nondestructive Assay	301,763	19,412	16,863	12,219										48,494
Operations Management	712,539	16,801	49,600	39,082										105,483
Pu Characterization	1,116,733	107,366	82,911	211,833										402,110
Preventive Equipment Maintenance	573,898	28,057	49,530	59,273										136,860
Production Planning and Control	2,029,371	108,939	66,212	84,336										259,487
2nd Mill & Blend Shielding Installation	36,382	28,050	39,831	853										68,734
PF-4 Resumption	3,156,629	23,283	27,962	96,427										147,672
Process Equipment Engineering Support	1,563,146	121,278	78,849	66,573										266,700
Analytical Chemistry	1,808,474	10,685	74,378	50,514										135,577
Process Qualification	157,486	4,985	21,009	42,881										68,875
Warehousing/Procurement/Storage	427,769	31,092	21,054	24,816										76,962
Spare Parts	1,500,000	0	0	31,487										31,487
Program Management	2,894,773	252,411	198,041	113,010										563,462
TA-55 Infrastructure	5,566,958	315,940	440,665	403,948										1,160,553
TA-54 Waste Management	450,000	0	0	0										0
Quality Assurance Support	3,032,417	234,375	21,449	249,354										505,178
Independent Product Certification	376,082	42	9,669	20,838										30,549
Records Management/Document Control/Training	600,904	61,331	34,830	43,106										139,267
Alternative Studies	1,248,704	9,326	0	115,149										124,475
Lathe Controller Upgrade Installation	1,424,147	7,909	46,706	53,590										108,205
Simple Pit Disassembly	1,838,565	70,925	68,315	100,273										239,513
NDA Cage	715,010	56,276	86,763	66,471										209,510
MD-2 Shipping/Receiving – Preliminary Design	1,000,000	3,866	12,242	29,754										45,862
TA-55-314 Upgrades	500,000	0	387	1,161										1,548
Can Opener, Inner Welder, Outer Welder	1,030,469	1,422	19,849	6,125										27,396
Contingency	9,237,140	0	0	0										0

LANL	FY 2014 Total Available to Cost	FY 2014 Spend Plan												FY 2014 Projected Cost	Projected Beginning FY 2015 Uncosted Balance
		Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14		
MA-7B Pu															
STARS TOTAL															
Cong. Rpt Adjusted Total	**50,363,850**	**2,116,984**	**3,338,225**	**3,313,387**	**3,856,379**	**3,506,868**	**3,664,714**	**3,724,674**	**4,441,511**	**3,555,172**	**5,445,968**	**7,043,994**	**6,340,709**	**50,348,586**	**0**
NN6001030 - ARIES	50,348,586	2,116,984	3,338,225	3,313,387	3,856,379	3,506,868	3,664,714	3,724,674	4,441,511	3,555,172	5,445,968	7,043,994	6,340,709	50,348,586	0
NN6001030 - LLNL SSP Modern Foundry estimate	15,264													0	15,264
2MT Work Packages	**50,348,586**	**2,116,984**	**3,338,225**	**3,313,387**	**3,856,379**	**3,506,868**	**3,664,714**	**3,724,674**	**4,441,511**	**3,555,172**	**5,445,968**	**7,043,994**	**6,340,709**	**50,348,586**	**(0)**
Pit Disassembly	996,544	4,813	7,035	6,664	75,147	116,658	123,584	123,584	134,192	97,375	101,610	128,534	77,347	996,544	0
Material Shipping and Receiving	1,399,164	121,591	177,709	132,897	105,762	95,690	100,726	100,726	125,907	95,690	95,690	125,907	120,871	1,399,164	0
Pu Conversion	1,530,882	8,595	12,562	11,901	86,064	200,090	178,450	169,246	202,141	139,473	148,726	194,772	178,862	1,530,882	0
Packaging	1,333,869	15,810	23,478	22,928	29,822	131,824	188,295	170,542	166,935	108,879	159,202	190,552	125,604	1,333,869	0
Nondestructive Assay	301,763	2,964	4,332	4,104	21,227	20,771	37,438	37,438	43,510	15,840	43,375	40,222	30,542	301,762	0
Operations Management	712,539	17,981	26,279	24,896	47,316	63,446	76,650	74,596	85,031	60,571	70,291	88,180	77,303	712,539	0
Pu Characterization	1,116,733	4,813	7,035	6,664	52,586	95,400	95,928	88,070	114,471	332,410	135,957	100,635	82,764	1,116,733	0
Preventive Equipment Maintenance	573,898	29,500	44,641	44,562	47,675	44,641	47,596	47,596	59,495	44,641	47,517	59,495	56,540	573,898	0
Production Planning and Control	2,029,371	105,708	158,293	155,610	170,813	158,293	168,131	168,131	210,163	158,293	165,448	210,163	200,326	2,029,371	0
Muffle Furnace - Production Capability	1,788,768	41,874	91,370	92,436	147,043	165,013	153,969	137,165	139,157	145,596	148,367	351,038	175,740	1,788,768	0
2nd Mill & Blend Shielding Installation	36,382	36,382	0	0	0	0	0	0	0	0	0	0	0	36,382	0
PF-4 Resumption	3,156,629	406,772	837,013	947,472	326,783	70,021	74,689	74,689	93,361	70,021	74,689	93,361	87,759	3,156,629	(0)
Process Equipment Engineering Support	1,563,146	134,438	221,136	187,476	179,490	141,629	102,056	85,325	106,656	80,953	93,090	122,781	108,115	1,563,146	(0)
Analytical Chemistry	1,808,474	67,096	98,064	92,903	190,992	157,087	176,390	166,310	198,209	171,211	154,579	151,136	184,496	1,808,474	0
Process Qualification	157,486	8,460	12,365	11,714	13,666	12,365	13,015	13,015	16,269	12,365	12,365	16,269	15,618	157,486	(0)
Warehousing/Procurement/Storage	427,769	22,979	33,585	31,818	37,120	33,585	35,353	35,353	44,191	33,585	33,585	44,191	42,423	427,769	0
Spare Parts	1,500,000	80,579	117,769	111,570	130,165	117,769	123,967	123,967	154,959	117,769	117,769	154,959	148,760	1,500,000	0
Program Management	2,894,773	172,500	252,115	238,846	251,584	219,970	231,547	231,547	289,434	219,970	219,970	289,434	277,857	2,894,773	0
TA-55 Infrastructure	5,566,958	299,051	437,075	414,071	483,083	437,075	460,079	460,079	575,099	437,075	437,075	575,099	552,095	5,566,958	0
TA-54 Waste Management	450,000	0	0	0	0	0	0	0	0	0	51,136	255,682	143,182	450,000	(0)
Quality Assurance Support	3,032,417	89,683	131,076	164,685	275,401	131,076	212,803	246,982	355,263	290,353	182,905	648,623	303,568	3,032,417	0
Independent Product Certification	376,082	0	0	34,653	24,478	22,818	51,980	29,970	0	59,940	0	54,332	97,911	376,082	(0)
Records Management/Document Control/Training	600,904	32,280	47,178	44,695	52,145	47,178	49,662	49,662	62,077	47,178	47,178	62,077	59,594	600,904	0
Alternative Studies	1,248,704	67,079	98,039	92,879	108,359	98,039	103,199	103,199	128,998	98,039	98,039	128,998	123,838	1,248,704	(0)
Lathe Controller Upgrade Installation	1,424,147	237,352	218,085	104,416	119,978	103,803	56,743	79,204	99,005	75,244	115,771	112,785	101,760	1,424,147	0
Simple Pit Disassembly	1,838,565	77,460	109,841	104,060	129,180	164,081	159,202	284,817	339,460	120,560	129,549	134,521	85,835	1,838,565	0
NDA Cage	715,010	31,222	41,060	27,095	208,205	168,018	85,966	70,344	83,101	0	0	0	0	715,010	(0)
MD-2 Container Preliminary Design	1,000,000	0	89,284	70,787	82,584	80,248	89,092	89,092	111,364	84,637	84,637	111,364	106,910	1,000,000	0
TA-55-314 Upgrades	500,000	0	0	24,752	51,980	47,030	49,505	49,505	61,881	47,030	47,030	61,881	59,406	500,000	0
Can Opener, Inner Welder, Outer Welder	1,030,469	0	41,807	106,831	107,731	63,252	118,702	114,522	141,182	90,477	76,244	94,272	75,449	1,030,469	0
Contingency	9,237,140	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	2,354,176	2,442,730	2,640,234	9,237,140	0

APPENDIX F:
Commitments

Oxide Production Program: NA-26 Commitments

Contractor	Management Area	Code	LANL Order #	Commitments	Entity	B&R CODE	Contract Commitment Amount, $ in thousands	Expended to-date thru Dec 2013	Committed Uncosted to-date thru Dec 2013	TOTAL FY14 Projected Expenditure	FY14 Projected EOY Committed Carryover	Status	Award Date/Projected Award Date	Projected Expenditure Completion
LANL-2MT	**MA-7B**	**RISK-2000**	**113900**	Control System Upgrade for Lathe	B6 SIGMA INC-P4811400	NN6001030	356	295	61	61	0	Awarded	Aug-11	Q2/2014
LANL-2MT	**MA-7B**	**ICAN**	**74274-001-09**	Design of new gripper for Packing System	COLORADO SCHOOL OF MINES-P1792609	NN6001030	634	421	213	235	0	Awarded	Aug-11	Q4/2014
LANL-2MT	**MA-7B**	**ICAN**	**219406 189577 321934**	Radiography and system Test Containers	TEAM INDUSTRIAL Dynamic Flowform	NN6001030	25	20	5	20	0	Awarded	Dec-12	Q2/2014
LANL-2MT	**MA-7B**	**ICAN**	**226719 226721**	Inner and Outer Can Welders	AMET INC	NN6001030	418	378	40	157	0	Awarded	Feb-13	Q2/2014
LANL-2MT	**MA-7B**	**0SNM**	**231064**	Operations support for 5-day campaign shipment of classified TRU waste to the WIPP as described on page 23 of the Level 3 RA&MSP	NUCLEAR WASTE PARTNERSHIP LLC	NN6001030	53	0	53	53	0	Awarded	Dec-13	Q4/2014
LANL-2MT	**MA-7B**	**0DMO**	**227571**	SRNS Tech Review of DMO-3 Furnace	SRNS	NN6001030	40	24	16	16	0	Awarded	Feb-13	Q2/2014
LANL-2MT	**MA-7B**	**PPPM**	**211498**	Workstations	Stealth Computer	NN6001030	13	10	3	3	0	Awarded	Nov-12	Q1/2014
LANL-2MT	**MA-7B**	**RISK-2000**	**264880**	Engineering services for the Robotic Lathe	B6 SIGMA INC-P4811400	NN6001030	180	0	180	180	0	Awarded	Dec-13	Q4/2014
LANL-2MT	**MA-7B**	**MD2D**	**57130**	Direct Labor	Merrick	NN6001030	99	0	99	99	0	Awarded	Dec-13	Q4/2014
LANL-SSP	**MA-7B**	**PPPM**	**220705**	Engineering Planning Support for ARIES Oxide Produciton Program. Subcontractor shall furnish qualified personnel, equipment, materials and facilities to perform as detailed in the Exhibit D.	STRATEGIC MANAGEMENT SOLUTIONS	NN6001030	108	58	50	0	0	Awarded	Dec-12	Q4/2014

APPENDIX G:
Trend Register

TREND REGISTER

Project Name: FY 14 Oxide Production

ORIGINAL Approved Project LCB (or) FY Baseline	*$43,651,431*	*$43,651,431*
Total Resolved Trends (LCB or FY)	**-$153,287**	**-$83,287**
Current LCB (or) FY Budget	**$43,498,144**	**$43,568,144**
Unresolved Trends	**$337,194**	**-$162,806**
Estimate At Completion (EAC) + Unresolved Trends =		**$43,405,338**

Orgin. Date	*Trend Number*	*Trend Cat / Type*	*Description of TREND*	*Budget*		*Status*	*Completion Date*	*Comments / Notes*
				Baseline	*Forecast (EAC)*			
11/01/13	OP001	EX/ISC	Can Opener, Inner Welder, Outer Welder	$52,876	$52,876	R	11/14/13	FY14 schedule to replace high level Canning Schedule.
11/18/13	OP002	EX/ISC	Storage Glovebox Agreement	($206,163)	($206,163)	R	12/16/13	Provide budget to procure replacment glovbox for Pu Sustainment program. Had $1M place holder, need $793K and will return $206K to contingency
12/15/13	OP003	EX/NS	PF-4 Resumption - Criticality Safety Support		$70,000	R	12/17/13	Charles Richardson Criticality Safety Support
12/15/13	OP004	EX/ISC	Harry Majors - Packaging Support	$349,907	$349,907	U	TBD	Harry Majors Packaging Support
12/15/13	OP005	EX/ISC	Removal of NPI-1 from Material Shipping and Receiving	($149,864)	($149,864)	U	TBD	Remove $204,800 from NPI-1 Material, add $54,936.20 to NPI-7 Material.
12/15/13	OP006	EX/ISC	Increase Packaging Allocation and Budget to Cover Identified Personnel to 100% for Insuring Core Capability Maintenance	$743,184	$743,184	U	TBD	Increase Packaging by $743184. Necessary due to 40% of certain resources not being covered by MR&R.
12/15/13	OP007	EX/ISC	Procure, Install, and Document DMO-2 LVCCWS	$100,000	$100,000	U	TBD	Additional $100K to Procure, Install, and Document DMO-2 LVCCWS
12/15/13	OP008	EX/ISC	Reduced Forecast of Waste Shipments Due to PF-4 Pause	($300,000)	($300,000)	U	TBD	Remove $300,000.
12/15/13	OP009	EX/ISC	Removal of NPI-7 Work Scope from Anlalytical Chemistry	($421,798)	($421,798)	U	TBD	Remove $1,421,862.34 from NPI-7, add $1,000,064.04 to C-AAC
12/15/13	OP010	EX/ISC	Delay of NDA Cage Due to Resumption Priorities	$0	($500,000)	U	TBD	FY14 under run for the delay of NDA Cage.
12/15/13	OP011	EX/ISC	FY14 Procurement of Inner & Outer Can Welders and Leak Detector	$301,902	$301,902	U	TBD	These costs will be incurred in FY14 but were not included in the initial baseline.
12/15/13	OP012	EX/ISC	Module Specific Engineering Support for Packaging	$100,000	$100,000	U	TBD	TBD
12/15/13	OP013	EX/ISC	Movement of Acceptance Testing Scope of Work from Canning to Packaging	($300,000)	($300,000)	U	TBD	The cost of acceptance testing for the Canning can be removed because it is being covered in Packaging by the resources who are being increased to 100% coverage.
12/16/13	OP014	EX/ISC	Detail Plan the Building 314 Warehouse and add Digital Upgrade	$100,000	$100,000	U	TBD	TBD
12/16/13	OP015	EX/ISC	LASO Review Books	($186,137)	($186,137)	U	TBD	Activities Oxide18898 and Oxide18918 will be removed since LASO will now only be providing spot checks.

Los Alamos
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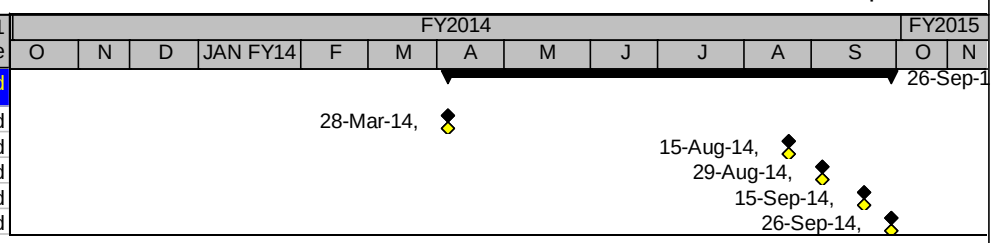
APPENDIX H:
Milestone Report

Milestone Report

FY14 Oxide Production Program

Printed on 07-Jan-14 15:36
Scheduled as of 29-Sep-13 08:0(

Activity ID	Activity Name	Finish	Variance - BL1 Finish Date
D1.02.01.D4.03_OP_S Oxide Production Pro		26-Sep-14	0.0d
Oxide34000	Resolve Criticality Safety Concerns with DMO-3 Oxi	28-Mar-14*	0.0d
Oxide34010	Complete Design of Simple Pit Disassembly Equipr	15-Aug-14*	0.0d
Oxide34030	Complete the Installation of the Packaging Line Inn	29-Aug-14*	0.0d
Oxide34040	Complete 3 Ready-to-Ship Submittals	15-Sep-14*	0.0d
Oxide34110	150 kg Certified Oxide Accepted by MOX Services	26-Sep-14*	0.0d



TASK filters: 0A Fiscal Year = 14, WBS_1.

Milestone | Actual Work | Remaining Work | Critical Remaining Work | Remaining Level of Effort | Actual Level of Effort | Baseline Mi... | Summary