Scheduled Start Date: April 2008 **Scheduled Completion Date:** April 2009

TEC = $4,985K

OPC = $ 921K (OPC = $1,351 with C.R.20.20.11)

TPC = $5,906K (TPC = $6,336K with C.R.20.20.11)

BCWS	BCWP	ACWP	SV	SV%	CV	CV%	SPI	CPI	BAC	EAC	VAC
5,186,786	5,137,177	5,497,652	-49,610	-0.96	-360,475	-7.02	0.99	0.93	5,186,786	5,906,000	-719,214

Scope:

The Radiochemistry Laboratory will house laboratory equipment and personnel for basic and applied research in aqueous separations, fuel development and associated activities. The lab spaces include actinide labs, glove box lab, instrument technologies lab, chemical and source storage, counting lab, and mechanical, electrical, and communication system support areas.

Accomplishments:

- Initiated last required partial transfer
- Completed 98% of punch-list items.

Issue:

Cause: Inadequate subcontractor performance has resulted in the project being approximately 18 weeks past the negotiated end date. Substantial progress was made in the weeks leading up to the end date and, while some physical work remained that was expected to be finished in the near term, the subcontractor was unable to manage one of his subtiers to bring the work to a timely completion. Further, final testing has taken far longer than expected, due primarily to poor performance from the same subtier. Final test results are being reviewed to complete partial transfers for acceptance and turnover

Impact: Project support costs have exceeded planned amounts and continue to increase with further delays in acceptance and turnover.

Corrective Action: The project team has reviewed support costs and is preparing to negotiate with the subcontractor to recover costs due to inadequate performance.

Schedule Variance (SV): $-49,610 **SV%:** -0.96%

Cause: The variance is within the established reporting threshold.

Impact: None.

Corrective Action: None.

Cost Variance (CV): -$360,475 **CV%:** -7.02%

Cause: The variance is within the established reporting threshold.

Impact: None.

Corrective Action: None.

Baseline Change Control Actions:

None.

Milestone Status:

- None.

90-Day Look-Ahead

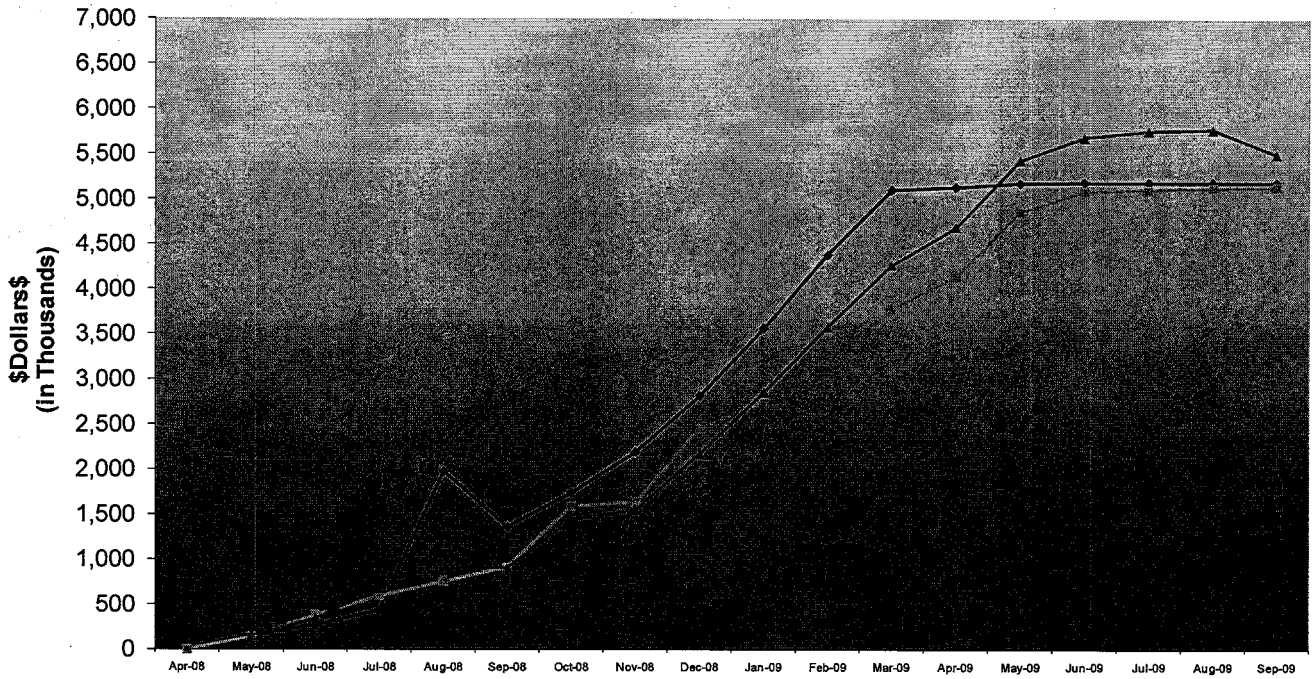
October:

- Complete partial transfers
- Final transfer
- Project closeout.

November:

- Project closeout.

September 2009
C.R.30.20.11 MFC Radiochemistry Laboratory
Lifecycle



	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09
BCWS	0	155	270	432	1,979	1,362	1,742	2,192	2,814	3,563	4,380	5,102	5,134	5,175	5,187	5,187	5,187	5,187
BCWP	0	138	380	592	757	912	1,592	1,635	2,452	2,753	3,186	3,783	4,138	4,861	5,087	5,111	5,130	5,137
ACWP	245	150	348	671	891	900	1,448	1,554	2,173	2,857	3,575	4,270	4,688	5,435	5,681	5,757	5,774	5,498

WBS / Title: **C.R.20.20.11/C.R.30.20.11 — MFC Radiochemistry Laboratory GPP - OCTOBER 2009**

WBS Manager: Bob Waters

Type of Project: General Plant Project (GPP) **Funding Source:** NE

Scheduled Start Date: April 2008 **Scheduled Completion Date:** April 2009

TEC = $4,985K

OPC = $ 921K (OPC = $1,351 with C.R.20.20.11)

TPC = $5,906K (TPC = $6,336K with C.R.20.20.11)

BCWS	BCWP	ACWP	SV	SV%	CV	CV%	SPI	CPI	BAC	EAC	VAC
5,186,786	5,144,257	5,515,455	-42,529	-0.82	-371,197	-7.22	0.99	0.93	5,186,786	5,645,000	-458,214

Scope:

The Radiochemistry Laboratory will house laboratory equipment and personnel for basic and applied research in aqueous separations, fuel development and associated activities. The lab spaces include actinide labs, glove box lab, instrument technologies lab, chemical and source storage, counting lab, and mechanical, electrical, and communication system support areas.

Accomplishments:

- Reviewed vendor data for subcontract closeout
- Corrected minor equipment deficiencies
- Developed subcontract closeout information.

Issue:

Cause: Inadequate subcontractor performance has resulted in the project being approximately 23 weeks past the negotiated end date. Substantial progress was made in the weeks leading up to the end date and, while some physical work remained that was expected to be finished in the near term, the subcontractor was unable to manage one sub-tier subcontractor to bring the work to a timely completion. Further, final testing has taken far longer than expected, due primarily to poor performance from the same sub-tier subcontractor. Final test results are being reviewed to complete partial transfers for acceptance and turnover.
Impact: Project support costs have exceeded planned amounts and continue to increase with further delays in acceptance and turnover.
Corrective Action: The project team has reviewed support costs and is preparing to negotiate with the subcontractor to recover costs due to inadequate performance.

Schedule Variance (SV): $-42,529 **SV%:** -0.82%

Cause: The variance is within the established reporting threshold.

Impact: None.

Corrective Action: None.

Cost Variance (CV): -$371,197 **CV%:** -7.22%

Cause: The variance is within the established reporting threshold.

Impact: None.

Corrective Action: None.

Baseline Change Control Actions:

None.

Milestone Status:

- None.

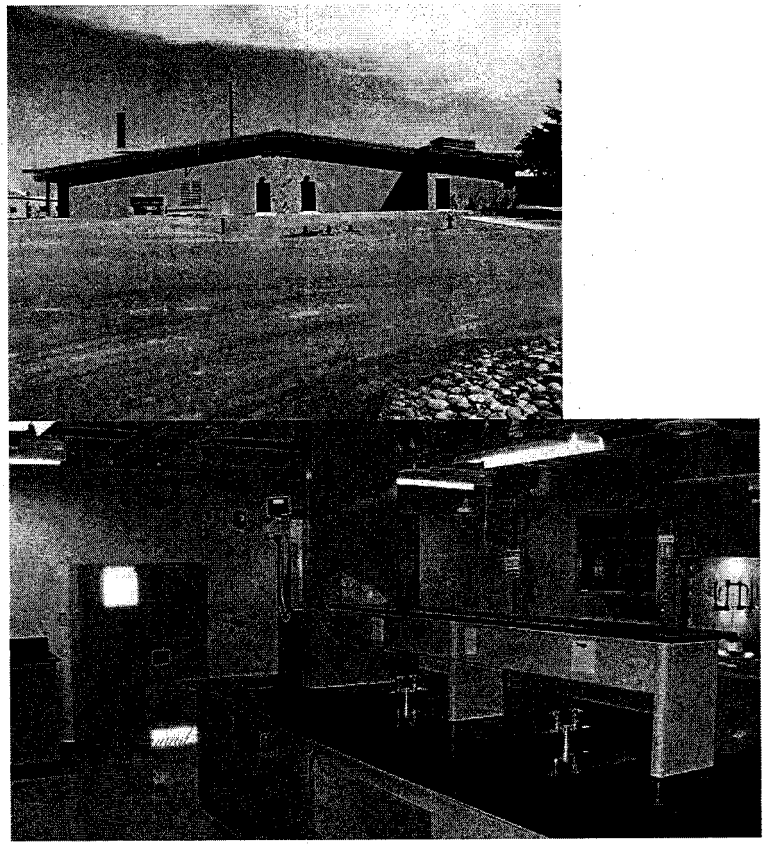
90-Day Look-Ahead

November:

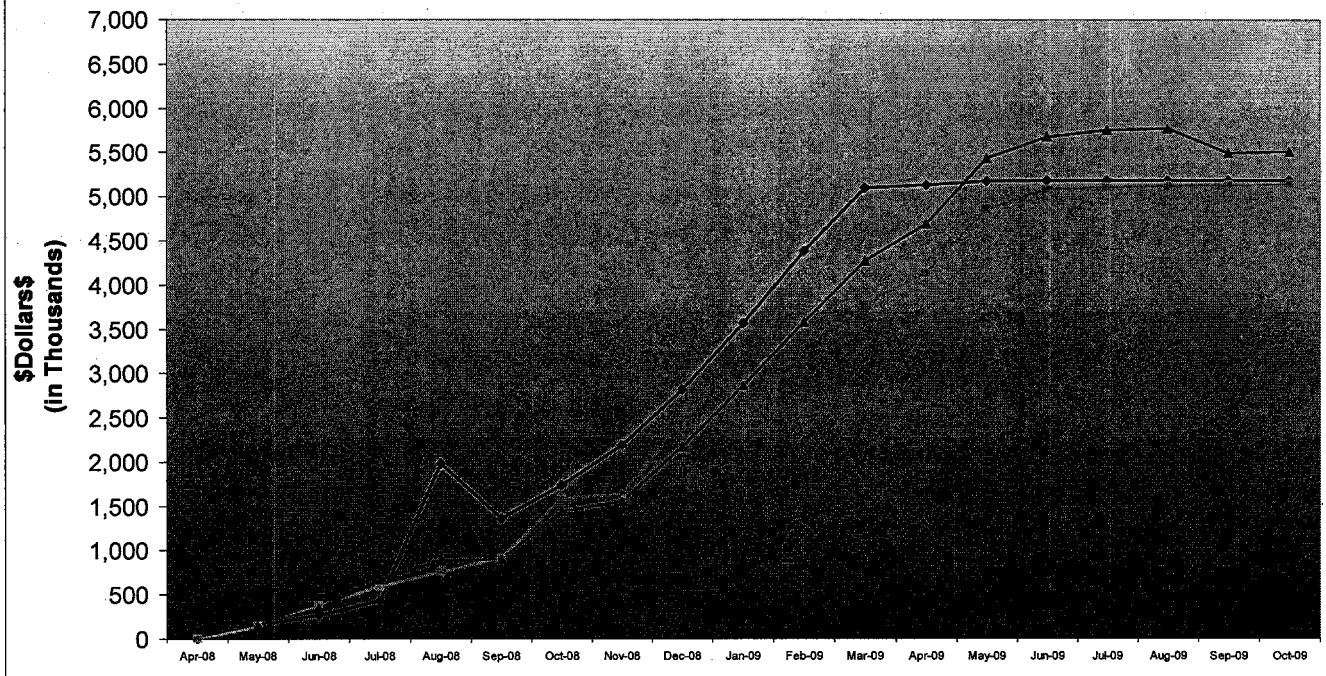
- Execute final transfer
- Construction subcontract closeout.

December:

- Project closeout.



October 2009
C.R.30.20.11 MFC Radiochemistry Laboratory
Lifecycle



	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09
BCWS	0	155	270	432	1,979	1,362	1,742	2,192	2,814	3,563	4,380	5,102	5,134	5,175	5,187	5,187	5,187	5,187	5,187
BCWP	0	138	380	592	757	912	1,592	1,635	2,452	2,753	3,188	3,783	4,138	4,861	5,087	5,111	5,130	5,137	5,144
ACWP	245	150	348	671	891	900	1,448	1,554	2,173	2,857	3,575	4,270	4,888	5,435	5,681	5,757	5,774	5,498	5,515

WBS / Title: **C.R.20.20.11/C.R.30.20.11 — MFC Radiochemistry Laboratory GPP - NOVEMBER 2009**

WBS Manager: Bob Waters

Type of Project: General Plant Project (GPP) **Funding Source:** NE

Scheduled Start Date: April 2008 **Scheduled Completion Date:** April 2009

TEC = $4,985K

OPC = $ 921K (OPC = $1,351 with C.R.20.20.11)

TPC = $5,906K (TPC = $6,336K with C.R.20.20.11)

BCWS	BCWP	ACWP	SV	SV%	CV	CV%	SPI	CPI	BAC	EAC	VAC
5,186,786	5,145,142	5,529,233	-41,644	-0.80	-384,090	-7.47	0.99	0.93	5,186,786	5,645,000	-458,214

Scope:

The Radiochemistry Laboratory will house laboratory equipment and personnel for basic and applied research in aqueous separations, fuel development and associated activities. The lab spaces include actinide labs, glove box lab, instrument technologies lab, chemical and source storage, counting lab, and mechanical, electrical, and communication system support areas.

Accomplishments:

Reviewed vendor data for subcontract closeout

Corrected minor equipment deficiencies

Developed subcontract closeout information.

Issue:

Cause: Inadequate subcontractor performance has resulted in the project being approximately 27 weeks past the negotiated end date. Substantial progress was made in the weeks leading up to the end date and, while some physical work remained that was expected to be finished in the near term, the subcontractor was unable to manage one sub-tier subcontractor to bring the work to a timely completion. Further, final testing has taken far longer than expected, due primarily to poor performance from the same sub-tier subcontractor. Final test results are being reviewed to complete partial transfers for acceptance and turnover.
Impact: Project support costs (operating) have exceeded planned amounts and continue to increase with further delays in acceptance and turnover.
Corrective Action: The project team has reviewed support costs and is preparing to negotiate with the subcontractor to recover costs due to poor performance.

Schedule Variance (SV): $-41,644 **SV%:** -0.80%

Cause: The variance is within the established reporting threshold.

Impact: None.

Corrective Action: None.

Cost Variance (CV): -$384,090 **CV%:** -7.47%

Cause: The variance is within the established reporting threshold.

Impact: None.

Corrective Action: None.

Baseline Change Control Actions:

None.

Milestone Status:

- None.

90-Day Look-Ahead

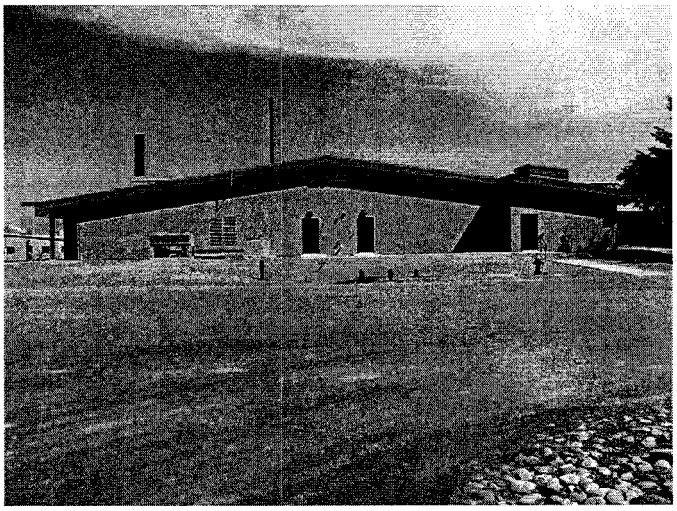
December:

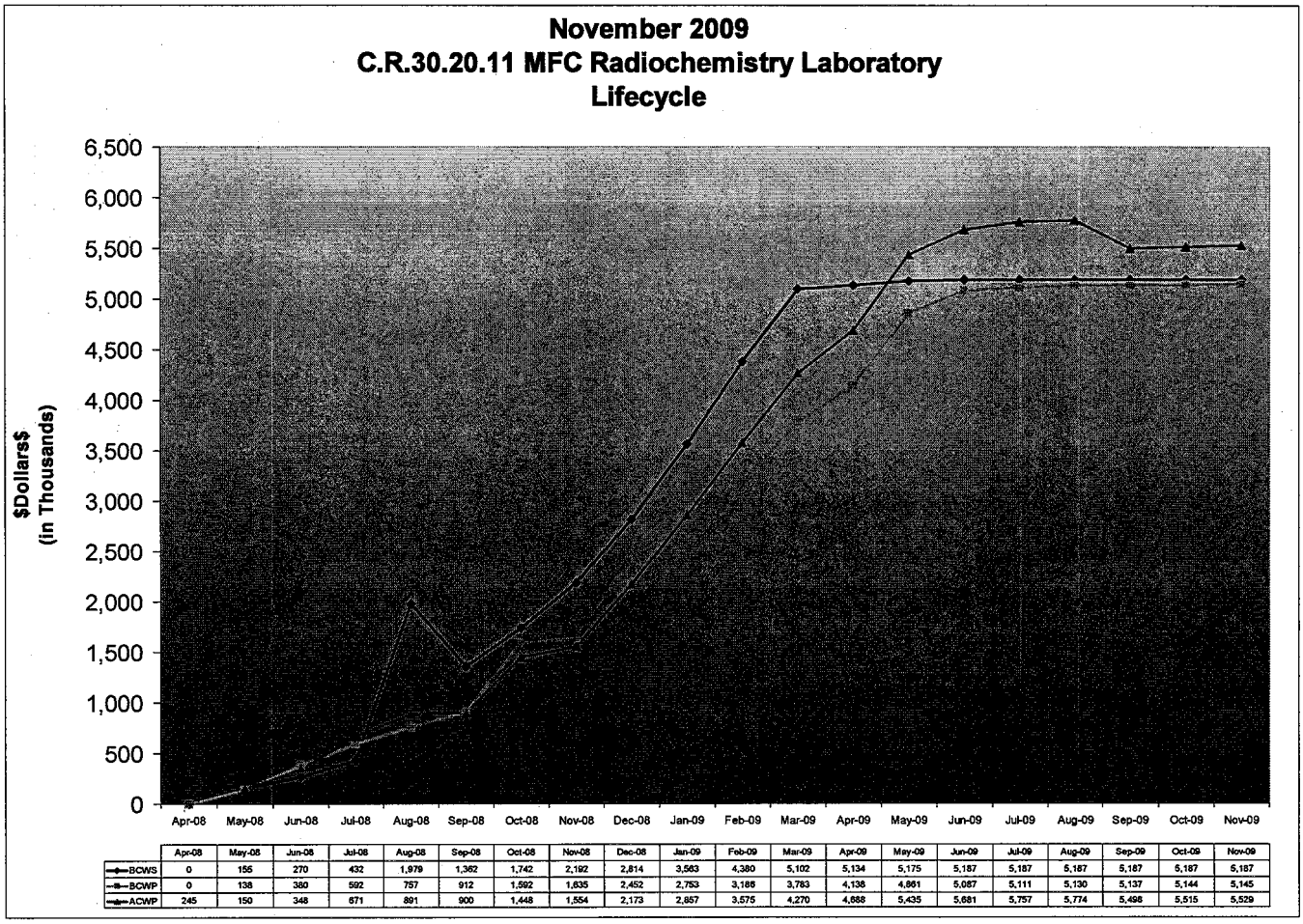
- Execute final transfer
- Construction subcontract closeout.

January:

- Project closeout.

-





	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09
BCWS	0	155	270	432	1,979	1,362	1,742	2,192	2,814	3,563	4,380	5,102	5,134	5,175	5,187	5,187	5,187	5,187	5,187	5,187
BCWP	0	138	380	592	757	912	1,592	1,635	2,452	2,753	3,186	3,783	4,138	4,861	5,087	5,111	5,130	5,137	5,144	5,145
ACWP	245	150	348	671	891	900	1,448	1,554	2,173	2,857	3,575	4,270	4,688	5,435	5,681	5,757	5,774	5,498	5,515	5,529

WBS / Title: C.R.20.20.11/C.R.30.20.11 — MFC Radiochemistry Laboratory GPP – DECEMBER 2009

WBS Manager: Bob Waters

Type of Project: General Plant Project (GPP) **Funding Source:** NE

Scheduled Start Date: April 2008 **Scheduled Completion Date:** April 2009

TEC = $4,985K

OPC = $ 921K (OPC = $1,351 with C.R.20.20.11)

TPC = $5,906K (TPC = $6,336K with C.R.20.20.11)

BCWS	BCWP	ACWP	SV	SV%	CV	CV%	SPI	CPI	BAC	EAC	VAC
5,186,786	5,145,142	5,530,251	-41,644	-0.80	-385,108	-7.48	0.99	0.93	5,186,786	5,645,000	-458,214

Scope:

The Radiochemistry Laboratory will house laboratory equipment and personnel for basic and applied research in aqueous separations, fuel development and associated activities. The lab spaces include actinide labs, glove box lab, instrument technologies lab, chemical and source storage, counting lab, and mechanical, electrical, and communication system support areas.

Accomplishments:

Reviewed vendor data for subcontract closeout

Issued Cure Notice for non-performance of adequate quality records

Corrected minor equipment deficiencies

Developed subcontract closeout information

Issues:

Cause: Inadequate subcontractor performance has resulted in the project being approximately 27 weeks past the negotiated end date. Substantial progress was made in the weeks leading up to the end date and, while some physical work remained that was expected to be finished in the near term, the subcontractor was unable to manage one sub-tier subcontractor to bring the work to a timely completion. Further, final testing has taken far longer than expected, due primarily to poor performance from the same sub-tier subcontractor. Final test results are being reviewed to complete partial transfers for acceptance and turnover.
Impact: Project support costs (operating) have exceeded planned amounts and continue to increase with further delays in acceptance and turnover.
Corrective Action: The project team has reviewed support costs and is preparing to negotiate with the subcontractor to recover costs due to poor performance.

Schedule Variance (SV): -$41,644 **SV%:** -0.80%

Cause: The variance is within the established reporting threshold.
Impact: None.
Corrective Action: None.

Cost Variance (CV): -$385,108 **CV%:** -7.48%

Cause: The variance is within the established reporting threshold.
Impact: None.
Corrective Action: None.

Baseline Change Control Actions:

None.

Milestone Status:

None.

EAC: $5,645,000

90-Day Look-Ahead

January:

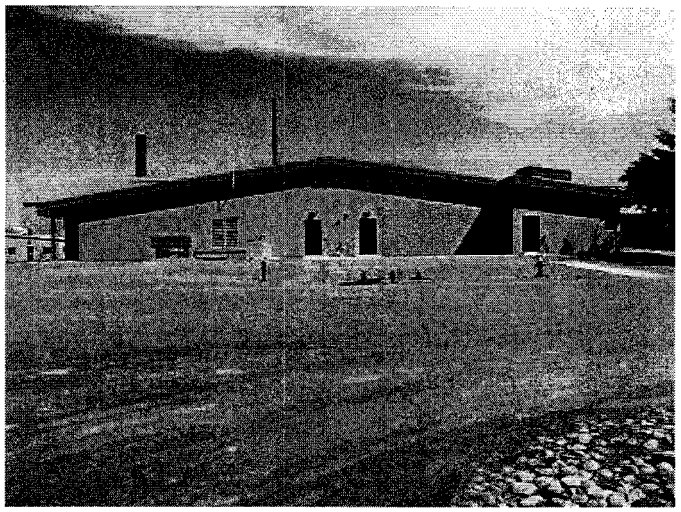
- Execute final transfer.
- Construction subcontract closeout.

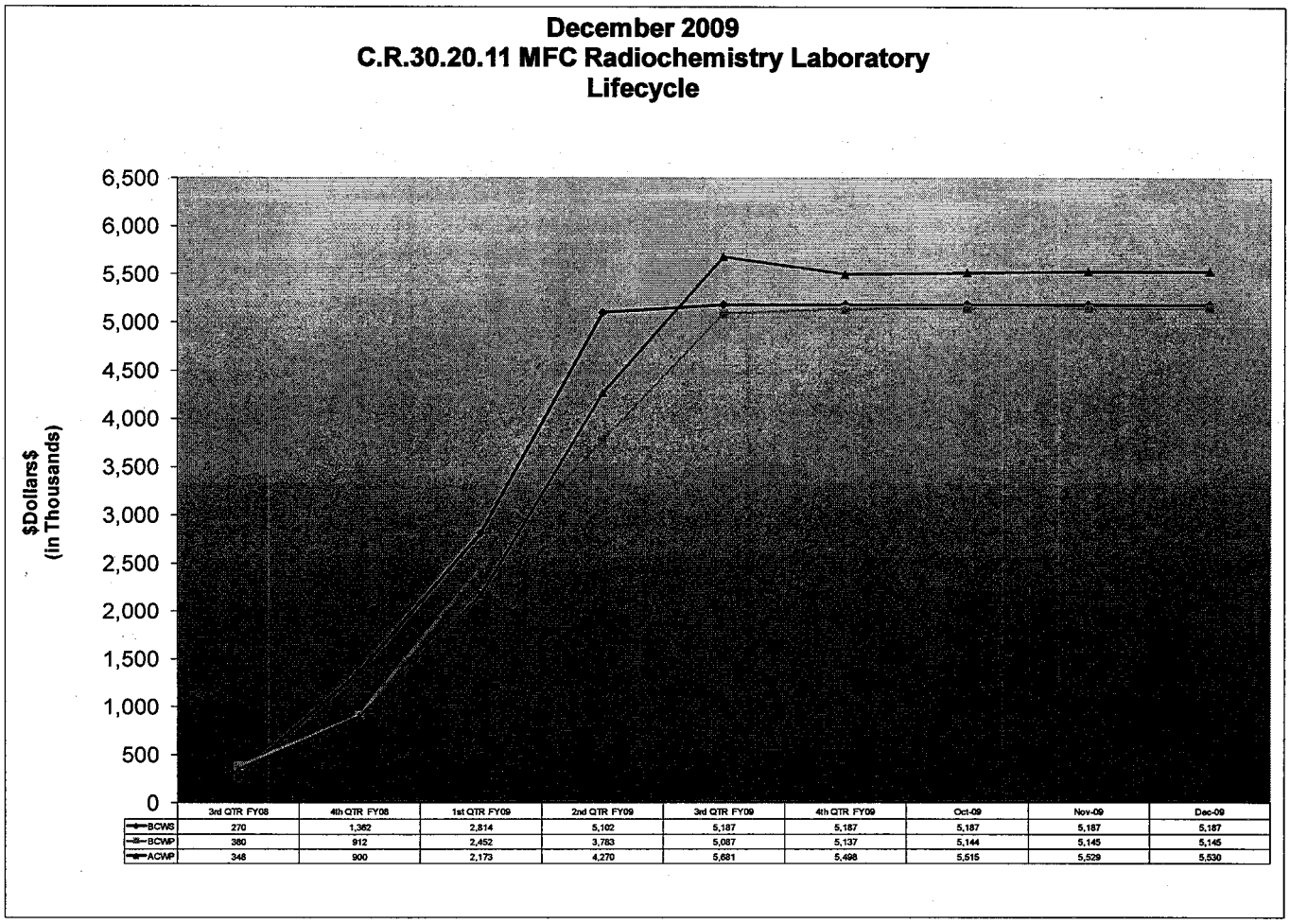
February:

- Project closeout.

March:

- Project closeout.





	3rd QTR FY08	4th QTR FY08	1st QTR FY09	2nd QTR FY09	3rd QTR FY09	4th QTR FY09	Oct-09	Nov-09	Dec-09
BCWS	270	1,362	2,814	5,102	5,187	5,187	5,187	5,187	5,187
BCWP	380	912	2,452	3,783	5,087	5,137	5,144	5,145	5,145
ACWP	348	900	2,173	4,270	5,681	5,498	5,515	5,529	5,530

WBS / Title: **C.R.20.20.11/C.R.30.20.11 — MFC Radiochemistry Laboratory GPP – JANUARY 2010**

WBS Manager: Bob Waters

Type of Project: General Plant Project (GPP) **Funding Source:** NE

Scheduled Start Date: April 2008 **Scheduled Completion Date:** April 2009

TEC = $4,985K

OPC = $ 921K (OPC = $1,351 with C.R.20.20.11)

TPC = $5,906K (TPC = $6,336K with C.R.20.20.11)

BCWS	BCWP	ACWP	SV	SV%	CV	CV%	SPI	CPI	BAC	EAC	VAC
5,186,786	5,185,901	5,588,275	-885	-0.02	-402,374	-7.76	1.00	0.93	5,186,786	5,645,000	-458,214

Scope: The Radiochemistry Laboratory will house laboratory equipment and personnel for basic and applied research in aqueous separations, fuel development and associated activities. The lab spaces include actinide labs, glove box lab, instrument technologies lab, chemical and source storage, counting lab, and mechanical, electrical, and communication system support areas.

Accomplishments:

Received subcontractor response to cure notice

Received subcontractor submittal of improved quality records

Reviewed quality record submittal and issued comments to subcontractor

Established partial transfer of RCL facility to Nuclear Operations control

Continued to execute project closeout.

Issues:

Cause: Inadequate subcontractor performance has resulted in the project being approximately 32 weeks past the negotiated end date. Substantial progress was made in the weeks leading up to the end date and, while some physical work remained that was expected to be finished in the near term, the subcontractor was unable to manage one sub-tier subcontractor to bring the work to a timely completion. Further, final testing took far longer to complete than expected, due primarily to poor performance from the same sub-tier subcontractor. Final test results have been reviewed to complete partial transfers for acceptance and turnover.
Impact: Project support costs (operating) have exceeded planned amounts and continue to increase with further delays in acceptance and turnover.
Corrective Action: The project team has reviewed support costs and is preparing to negotiate with the subcontractor to recover costs due to poor performance.

Schedule Variance (SV): -$885 **SV%:** -0.02

Cause: The variance is within the established reporting threshold.
Impact: None.
Corrective Action: None.

Cost Variance (CV): -$402,374 **CV%:** -7.76

Cause: The variance is within the established reporting threshold.
Impact: None.
Corrective Action: None.

Baseline Change Control Actions:

None.

Milestone Status:

None.

EAC: $5,645,000

90-Day Look-Ahead

February:

- Final quality record resolution
- Final project transfer
- Project closeout.

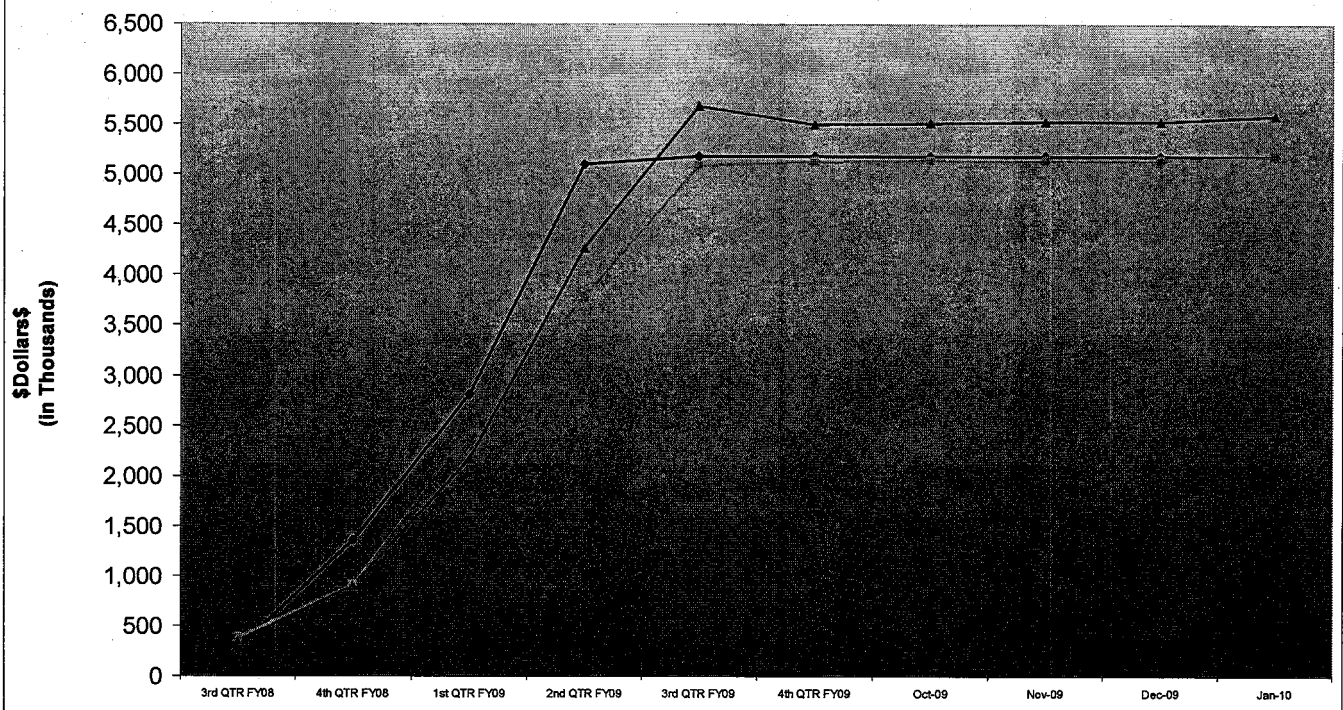
March:

- Close subcontract
- Project closeout

April

- Project closeout

January 2010
C.R.30.20.11 MFC Radiochemistry Laboratory
Lifecycle



	3rd QTR FY08	4th QTR FY08	1st QTR FY09	2nd QTR FY09	3rd QTR FY09	4th QTR FY09	Oct-09	Nov-09	Dec-09	Jan-10
BCWS	270	1,362	2,814	5,102	5,187	5,187	5,187	5,187	5,187	5,187
BCWP	380	912	2,452	3,783	5,087	5,137	5,144	5,145	5,145	5,186
ACWP	348	900	2,173	4,270	5,681	5,498	5,515	5,529	5,530	5,588

WBS / Title: **C.R.20.20.11/C.R.30.20.11—MFC Radiochemistry Laboratory GPP – FEBRUARY 2010**

WBS Manager: Bob Waters

Type of Project: General Plant Project (GPP) **Funding Source:** NE

Scheduled Start Date: April 2008 **Scheduled Completion Date:** April 2009

TEC = $4,985K

OPC = $ 921K (OPC = $1,351 with C.R.20.20.11)

TPC = $5,906K (TPC = $6,336K with C.R.20.20.11)

BCWS	BCWP	ACWP	SV	SV%	CV	CV%	SPI	CPI	BAC	EAC	VAC
5,186,786	5,185,901	5,599,417	-885	-0.02	-413,515	-7.97	1.00	0.93	5,186,786	5,720,000	-533,214

Scope: The Radiochemistry Laboratory will house laboratory equipment and personnel for basic and applied research in aqueous separations, fuel development and associated activities. The lab spaces include actinide labs, glove box lab, instrument technologies lab, chemical and source storage, counting lab, and mechanical, electrical, and communication system support areas.

Accomplishments:

- Continued with project acceptance and transfer activity to resolve issues with vendor data submittals
- Continued with project closeout activity.

Issues:

Cause: Inadequate subcontractor performance has resulted in the project being approximately 36 weeks past the negotiated end date. Substantial progress was made in the weeks leading up to the end date and, while some physical work remained that was expected to be finished in the near term, the subcontractor was unable to manage one sub-tier subcontractor to bring the work to a timely completion. Further, final testing took far longer to complete than expected, due primarily to lack of timely performance from the same sub-tier subcontractor. Final test results have been reviewed to complete partial transfers for acceptance and turnover.
Impact: Project support costs (operating) have exceeded planned amounts and continue to increase with further delays in acceptance and turnover.
Corrective Action: The project team has reviewed support costs and has provided documentation to procurement for negotiation with the subcontractor to recover costs due to poor performance.

Schedule Variance (SV): -885 **SV%:** -0.02

Cause: The variance is within the established reporting threshold.
Impact: None.
Corrective Action: None.

Cost Variance (CV): -413,515 **CV%:** -7.97

Cause: The variance is within the established reporting threshold.

Impact: None.
Corrective Action: None.

Baseline Change Control Actions:

None.

Milestone Status:

None.

EAC: $5,720,000

None.

90-Day Look-Ahead

March:

- Close subcontract
- Project closeout

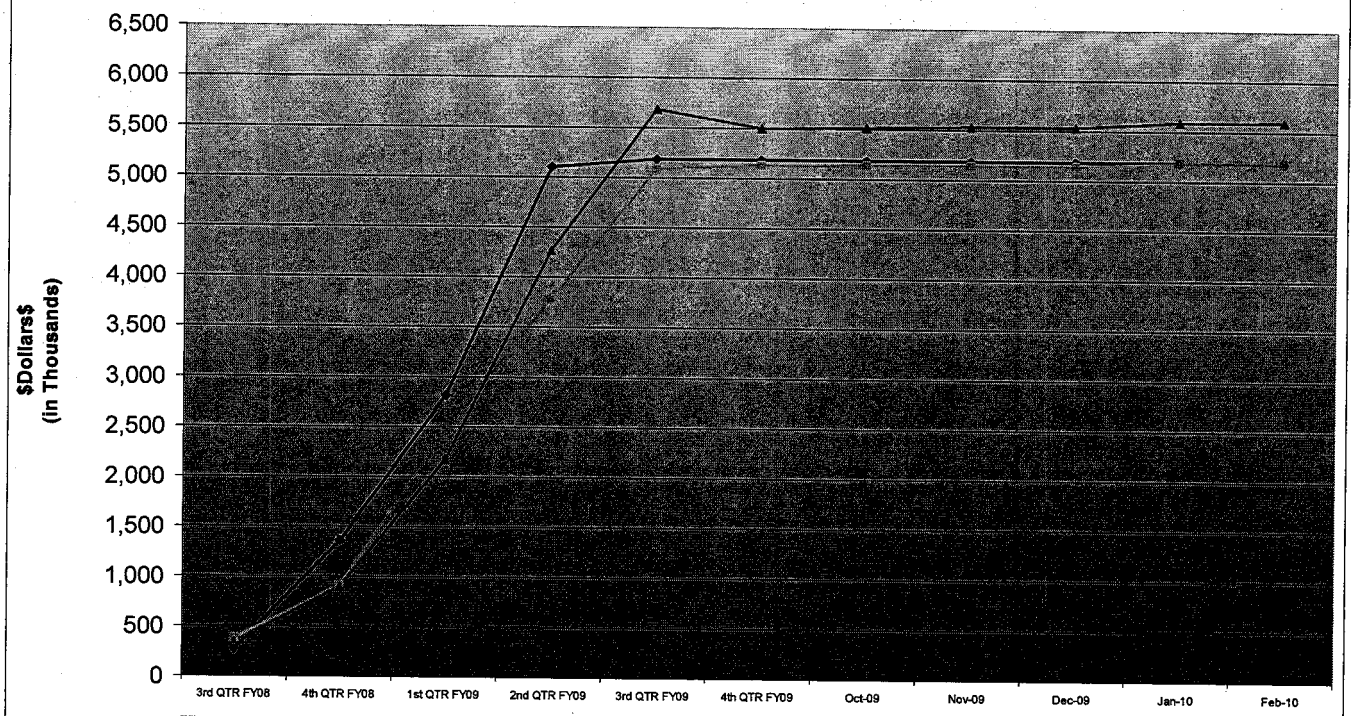
April:

- Project closeout

May:

- Project closeout

February 2010
C.R.30.20.11 MFC Radiochemistry Laboratory
Lifecycle



	3rd QTR FY08	4th QTR FY08	1st QTR FY09	2nd QTR FY09	3rd QTR FY09	4th QTR FY09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10
BCWS	270	1,382	2,814	5,102	5,187	5,187	5,187	5,187	5,187	5,187	5,187
BCWP	380	912	2,452	3,783	5,087	5,137	5,144	5,145	5,145	5,186	5,186
ACWP	348	900	2,173	4,270	5,681	5,498	5,515	5,529	5,530	5,588	5,599

WBS / Title: **C.R.20.20.11/C.R.30.20.11—MFC Radiochemistry Laboratory GPP -MARCH 2010**

WBS Manager: Bob Waters

Type of Project: General Plant Project (GPP) **Funding Source:** NE

Scheduled Start Date: April 2008 **Scheduled Completion Date:** April 2009

TEC = $4,985K

OPC = $ 921K (OPC = $1,351 with C.R.20.20.11)

TPC = $5,906K (TPC = $6,336K with C.R.20.20.11)

BCWS	BCWP	ACWP	SV	SV%	CV	CV%	SPI	CPI	BAC	EAC	VAC
5,186,786	5,185,901	5,614,574	-885	-0.02%	-428,672	-8.27%	1.00	0.92	5,186,786	5,637,814	-451,025

Scope: The Radiochemistry Laboratory will house laboratory equipment and personnel for basic and applied research in aqueous separations, fuel development and associated activities. The lab spaces include actinide labs, glove box lab, instrument technologies lab, chemical and source storage, counting lab, and mechanical, electrical, and communication system support areas.

Accomplishments:

Completed project transfers

Continued to resolve issues with warranty items and vendor data submittals

Continued with project closeout activity

Issues:

Cause: Inadequate subcontractor performance has resulted in the project being approximately 36 weeks past the negotiated end date. Substantial progress was made in the weeks leading up to the end date and, while some physical work remained that was expected to be finished in the near term, the subcontractor was unable to manage one sub-tier subcontractor to bring the work to a timely completion. Further, final testing took far longer to complete than expected, due primarily to lack of timely performance from the same sub-tier subcontractor. Final test results have been reviewed to complete partial transfers for acceptance and turnover.
Impact: Project support costs (operating) have exceeded planned amounts and continue to increase with further delays in acceptance and turnover.
Corrective Action: The project team has reviewed support costs and has provided documentation to procurement for negotiation with the subcontractor to recover costs due to poor performance.

Schedule Variance (SV): -885 **SV%:** -0.02

Cause: The variance is within the established reporting threshold.
Impact: None.
Corrective Action: None.

Cost Variance (CV): -428,672 **CV%:** -8.27

Cause: The variance is within the established reporting threshold.