MOX Fuel Fabrication Facility Progress Overview
March 2010
• Baseline Total Project Cost - $4.86 billion
• Project is 41% complete overall
  – Facility construction is 24% complete
• Process Building construction continues on schedule
  – Installation quantities to date are
    • 69,335 cu. yds. of high strength concrete (40%)
    • 12,602 tons of reinforcing steel (31%)
• Project safety
  – Recently reached 3,000,000 continuous safe work hours without a lost time accident
Overall project is on schedule and within costs
Secure Warehouse is complete
Construction progressing on Electrical Substation
Ten of 17 project facilities have been completed
Long Lead process tanks and equipment continue to be delivered to SRS. First process gloveboxes tested
Project staffing levels
- 1,840 direct at SRS
- 2,600 at vendors
### Facility Location and Status

#### Permanent Buildings

<table>
<thead>
<tr>
<th>Facility</th>
<th>Construction Start</th>
<th>Construction Complete</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFFF – MOX Fuel Fabrication Facility</td>
<td>Sep 2007</td>
<td>2014</td>
<td>Construction</td>
</tr>
<tr>
<td>BSW – Secured Warehouse Building</td>
<td>Jan 2009</td>
<td>Dec 2009</td>
<td>Complete</td>
</tr>
<tr>
<td>BTS – Technical Support Building</td>
<td>2010</td>
<td>2012</td>
<td>Complete</td>
</tr>
<tr>
<td>BAD – Administration</td>
<td>Jun 2008</td>
<td>Jun 2009</td>
<td>Complete</td>
</tr>
<tr>
<td>UGS – Gas Storage Area</td>
<td>2011</td>
<td>2014</td>
<td>Planning</td>
</tr>
<tr>
<td>TAC – Training Administration Complex</td>
<td>Jun 2007</td>
<td>Jan 2008</td>
<td>Complete</td>
</tr>
<tr>
<td>UEF – Emergency Diesel Storage</td>
<td>2011</td>
<td>2013</td>
<td>Planning</td>
</tr>
<tr>
<td>Electrical Substation</td>
<td>Feb 2009</td>
<td>2010</td>
<td>Construction</td>
</tr>
</tbody>
</table>

#### MOX Site Infrastructure

<table>
<thead>
<tr>
<th>Facility</th>
<th>Construction Start</th>
<th>Construction Complete</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC – MOX Administration Complex</td>
<td>Dec 2006</td>
<td>Mar 2007</td>
<td>Complete</td>
</tr>
<tr>
<td>CAC – Construction Administration Complex</td>
<td>May 2007</td>
<td>Aug 2007</td>
<td>Complete</td>
</tr>
<tr>
<td>CSB – Craft Support Building</td>
<td>Mar 2008</td>
<td>May 2008</td>
<td>Complete</td>
</tr>
<tr>
<td>CBP – Concrete Batch Plant</td>
<td>Apr 2007</td>
<td>July 2007</td>
<td>Complete</td>
</tr>
<tr>
<td>PAF – Process Unit Assembly Building</td>
<td>Apr 2008</td>
<td>Sep 2008</td>
<td>Complete</td>
</tr>
</tbody>
</table>

#### Map

- **Complete**: Green
- **Construction**: Blue
- **Planning**: Light Blue
- **Ongoing**: Grey

**Legend**:
- Existing SRS F - AREA
- Electrical Substation
- BAD
- BTS
- MFFF
- CSB
- TAC
- BRP
- BEG
- UEF
- UGS
- MAC
- PDCF
- WSB
- CBP
- PAF
- EEC
- - Parking
The NRC staff’s review of the MFFF License Application and Integrated Safety Analysis is complete and their Safety Evaluation Report is scheduled to be issued in December 2010.

In their FY2009 assessment of MOX Services’ performance, the NRC concluded: “...MFFF construction activities were conducted in an acceptable manner, and the construction program was sufficiently implemented to support ongoing construction activities.”
Upcoming Milestones

- Begin process piping installation in Process Building  
  June 2010

- Begin Heating, Ventilation, & Air Conditioning installation in Process Building  
  July 2010

- Start Technical Support Bldg Construction  
  July 2010

- Complete MOX Process Glovebox Design  
  Sep 2010
Construction Photos

MOX Construction Site March 2010
MFFF Looking South East - March 2010
Construction Photos

MFFF Secure Warehouse
Concrete Placement in Fuel Manufacturing
Construction
Photos

First Gloveboxes Tested in Process Assembly Facility
Waste Solidification Building Progress Overview

March 2010
Project Performance Summary

• Baseline Total Project Cost - $344.5M
• Project is 33% complete overall
  – Facility construction is 20% complete
• Construction to complete in June 2012
• Facility will startup in September 2013 to support MFFF testing
Construction Photos

WSB, March 2010
Construction Photos

First Basemat Placement
Construction Photos

First Basemat Placement
Construction Photos

Process Glovebox at Vendor
Construction Photos

Ventilation HEPA Filter Housing at Vendor