Plutonium Finishing Plant
Overall Progress To Date

<table>
<thead>
<tr>
<th></th>
<th>Original</th>
<th>Remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processing Equipment (e.g.,</td>
<td>238</td>
<td>23</td>
</tr>
<tr>
<td>glove boxes) Removed or</td>
<td></td>
<td></td>
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<tr>
<td>Ready for Removal during</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demolition</td>
<td></td>
<td></td>
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<tr>
<td>Pencil Tank Sections Removed</td>
<td>196</td>
<td>23</td>
</tr>
</tbody>
</table>

Progress Through Jan. 31:

- 90 percent large pieces of processing equipment (e.g., glove boxes, laboratory vent hoods) removed
- 88 percent pencil tank sections removed
- 63 of 81 facilities demolished/removed from the PFP complex
Plutonium Finishing Plant Overview

Progress Update - March 2015

- **234-5Z** Main Facility
- **291-Z** Ventilation Stack
- **242-Z** McCluskey Room
- **236-Z** Plutonium Reclamation Facility
- **243-Z** Liquid Low-Level Waste Treatment
Plutonium Finishing Plant Overview

234-5Z Main Facility
291-Z Ventilation Stack
242-Z McCluskey Room
236-Z Plutonium Reclamation Facility
243-Z Liquid Low-Level Waste Treatment
Plutonium Finishing Plant (234-5Z)
Processing Equipment 2008

To be Removed
(238 glove boxes, hoods, etc.)

Progress Update - March 2015
In Progress
(glove boxes, hoods, etc.)

Equipment Ready to Ship/Size Reduce
(off E4 ventilation)
Plutonium Finishing Plant
Overview

Progress Update - March 2015

234-5Z Main Facility
291-Z Ventilation Stack
242-Z McCluskey Room
236-Z Plutonium Reclamation Facility
243-Z Liquid Low-Level Waste Treatment
To Be Removed (glove boxes, filter boxes, tanks, pencil tank sections)
Plutonium Finishing Plant (236-Z)
Status Feb. 2015

Progress Update - March 2015

In Progress
(Glove boxes, hoods, and pencil tank sections)

Near Term Work
(Filter box and chemical tank removal)

Ready to Ship
(Off E4 ventilation)
Plutonium Finishing Plant Closure Project
Recent Accomplishments

Progress Update - March 2015

- Began removing sections of contaminated ventilation ducts and filters
- Met FY2015 Key Performance Goal for dispositioning 31 pencil tank sections
- Began preparations for in-situ glove box size reduction
- Removed one glove box and removing second glove box in Americium Recovery Facility
This video shows crews inside 242-Z removing the glove box in which a 1976 explosion occurred, severely injuring Harold McCluskey.
Overall Project:
• Work safely
• Retain talented workforce

242-Z (Americium Recovery Facility):
• Complete nondestructive assay in tank room
• Remove remaining two glove boxes
• Complete tank room

236-Z (Plutonium Reclamation Facility):
• Finish pencil tank section removal
• Grout canyon floor
• Finish gallery and column glove boxes

234-5Z (Plutonium Finishing Plant):
• Complete in-situ glove box size reduction
• Remove contaminated ventilation ducts and deactivate plant ventilation
• Finish asbestos abatement

Before (top) and after (bottom) pictures of a glove box that was separated in January 2015 for easier removal