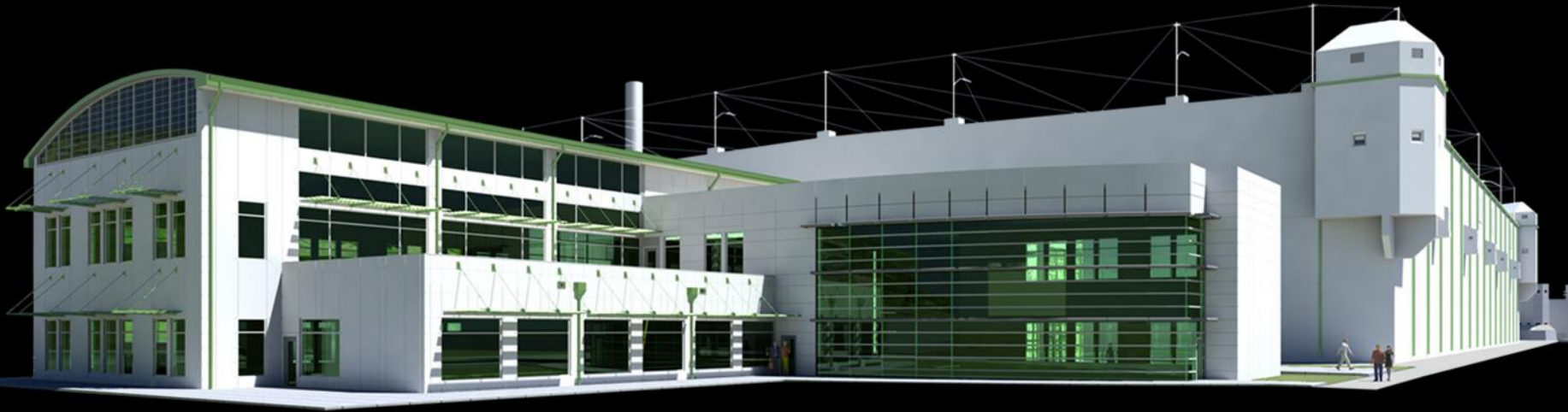


**Y12 NATIONAL SECURITY COMPLEX**  
**MAKING THE WORLD SAFER**



# URANIUM PROCESSING FACILITY

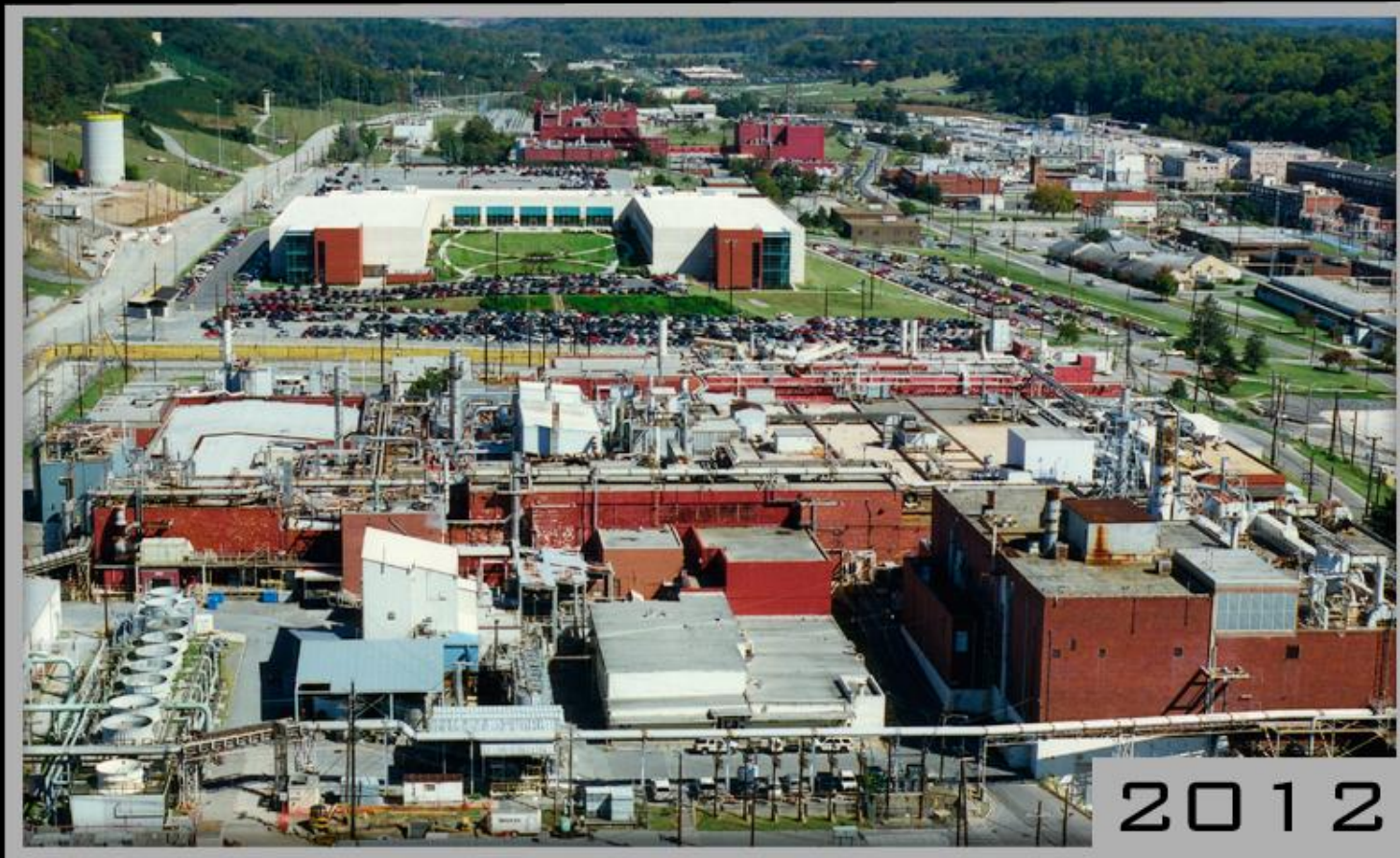
JOHN ESCHENBERG

PROJECT DIRECTOR  
NATIONAL NUCLEAR SECURITY ADMINISTRATION

# The Nation's Warhorse: Building 9212

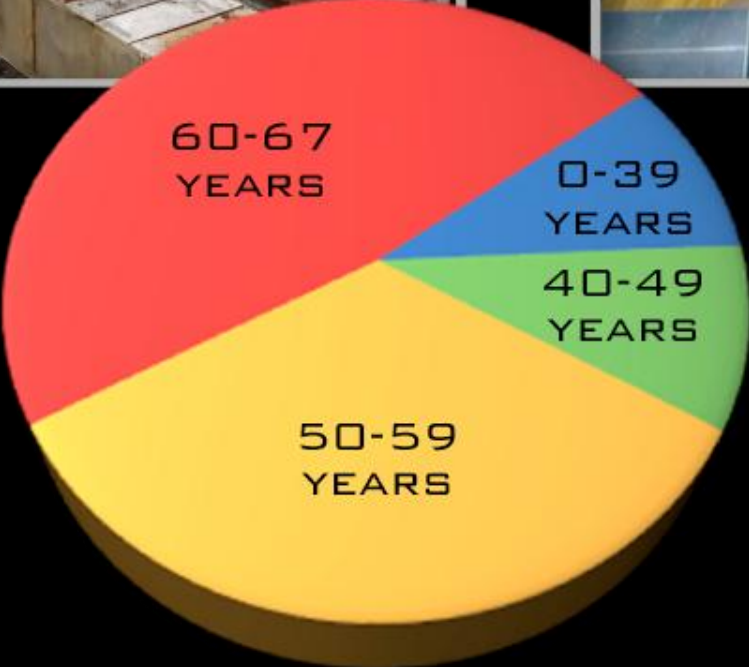


# The Nation's Warhorse: Building 9212





# UPF Will Replace Aging Facilities



# The Nation's New Uranium Processing Facility



# UPF's Diverse Uranium Missions



Weapons Surveillance

Disassembly/Dismantlement



Stockpile Refurbishments



Reactor Fuel for Medical Isotopes  
Nuclear Nonproliferation



Global Threat Reduction  
Nuclear Nonproliferation

Naval Reactor Material Supply

  
NATIONAL SECURITY COMPLEX



# Poised for the Field





# UPF: The Right Size



Main Building Size	~350,000 ft <sup>2</sup>
Main Building Volume	~10 M ft <sup>3</sup>
Excavation	~400,000 yd <sup>3</sup>
Concrete	~150,000 yd <sup>3</sup>
Structural Steel	~8,000 tons
Wiring & Cable	~2.4 M lin. ft



# UPF: Fast Facts

Cost Range - \$4.8 B - \$6.5B

Proposed FY13 funding up from \$190M to \$340M

Today: 76% Design Maturity  
637 FTEs

Peak: ~1,500 workers

Accelerating Schedule

- Fall 2012
- 2019
- 2023