

Fire System Integrated Priority at INL

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INL Fire System IPL

- Where we started.
 - “Old Fire Station” – CFA 666
 - TDX 6000 Thorn
 - UniNet
 - Ademco
 - Field Installed Panels
 - Multiplexer Interface Panesl
 - Miniplex fire alarm control panels
 - “Smart” addressable panels
- All field panels reported through a single dial room (CPP-668)

INL Fire System IPL

- Line Item Construction Projects
 - Identified system deficiencies – Tiger Team
 - Panel failure
 - New Fire Alarm Receiving Station at new Fire Station #1 results in Digitize System – move to dialers

Fire System IPL

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PLAN

INL Enterprise Fire
Protection Technical
Integration Strategy and
Management Approach

Fire System IPL

- “LEGACY ISSUES”
 - “A site-wide integrated priority list (IPL) for fire protection systems does not currently exist. Such an IPL is needed to prioritize work within funding constraints across the INL.”

Fire System IPL

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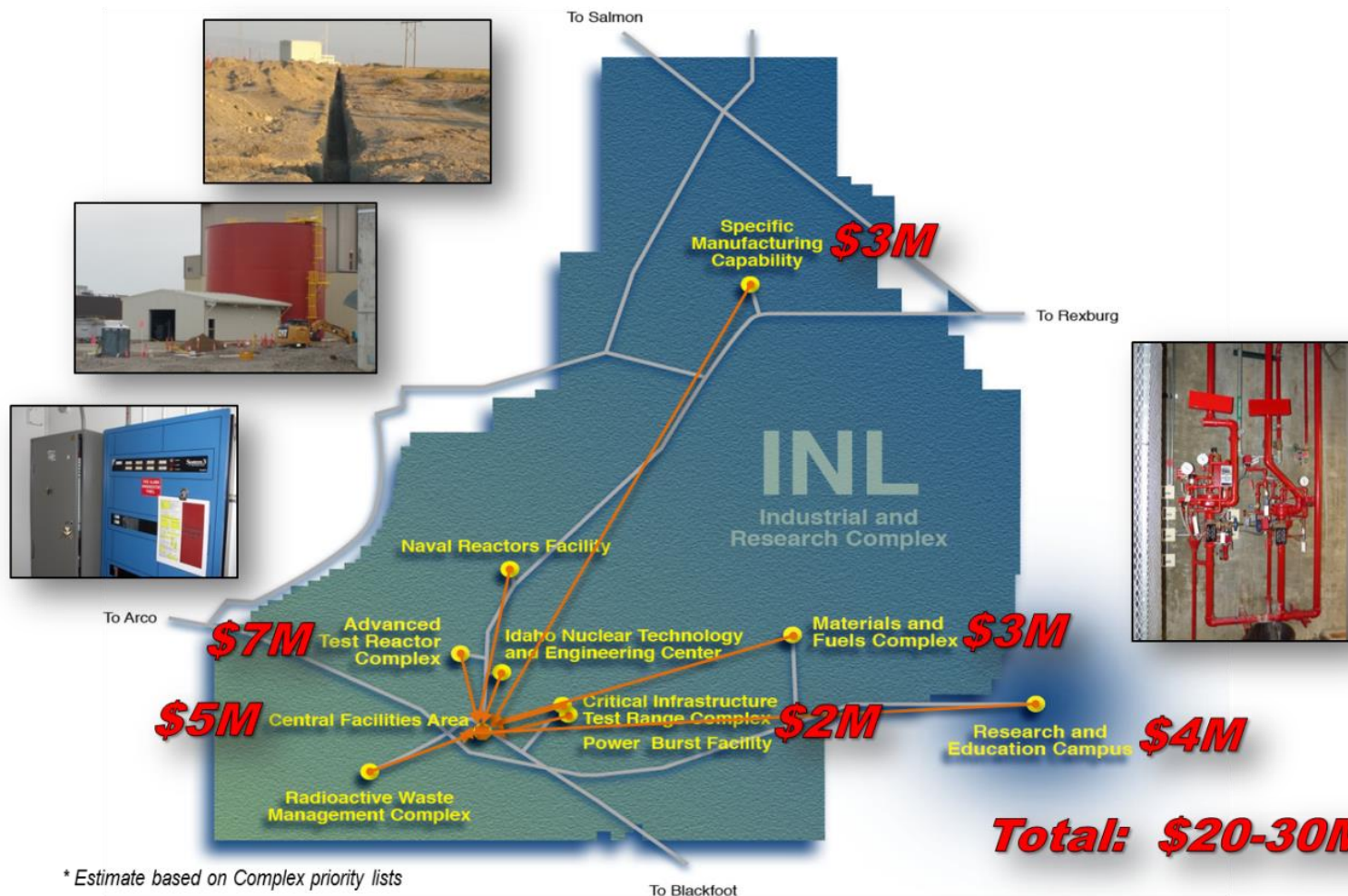
Plan

INL Enterprise Fire
Protection Technical
Integration Implementation
Plan

Fire System IPL

- Establishes a foundational organization to enable;
- Integration of the key organizations involved in the INL Fire Protection System
- Improvement of campus-level visibility, configuration control, and operational expertise regarding Fire Protection Systems by identifying and assigning dedicated complex-specific Fire Protection System Engineers
- Development of an integrated, long-term technical vision for the INL Fire Protection System
- Focused Site-wide prioritization of maintenance, repair, and upgrades, which align with and enable the long-term technical vision

Fire System IPL



* Estimate based on Complex priority lists

Fire System IPL

- Where are we today
- Networked fire alarm system (Notifier)
- ONYX fire alarm receiving station
- Approximately \$750,000 - \$1 million dollars per year in IPL
- Estimated to have all legacy fire alarm panels replaced by 2025

Questions?

