

Solving Cleanup Challenges Through Risk Reduction

# Inactive Facilities D&D Engineering Evaluation/ Cost Analysis

Briefing for the  
Paducah Citizens  
Advisory Board  
November 20, 2008



*EM Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

# *Inactive Facilities D&D EE/CA Background*

- PGDP has more than 500 facilities, ranging from the size of a small RV to more than 20 acres
- Current CERCLA documentation process could generate dozens of decision documents
  - Engineering Evaluation/Cost Analysis
  - Action Memorandum
  - Removal Action Work Plan, etc.
- Because most D&D decisions are similar and involve few “surprises,” DOE, KY, and EPA are working toward developing an Engineering Evaluation/Cost Analysis and Action Memorandum that will be used to screen newly identified inactive facilities
- Common base documentation would streamline the process
  - Get to the field faster
  - Cut costs
- Document will use lessons learned from similar approaches approved at other sites (Savannah River, Oak Ridge, etc.)



# *Streamlined Documentation Approach*



**Current process =**  
1 Engineering Evaluation/Cost  
Analysis per facility



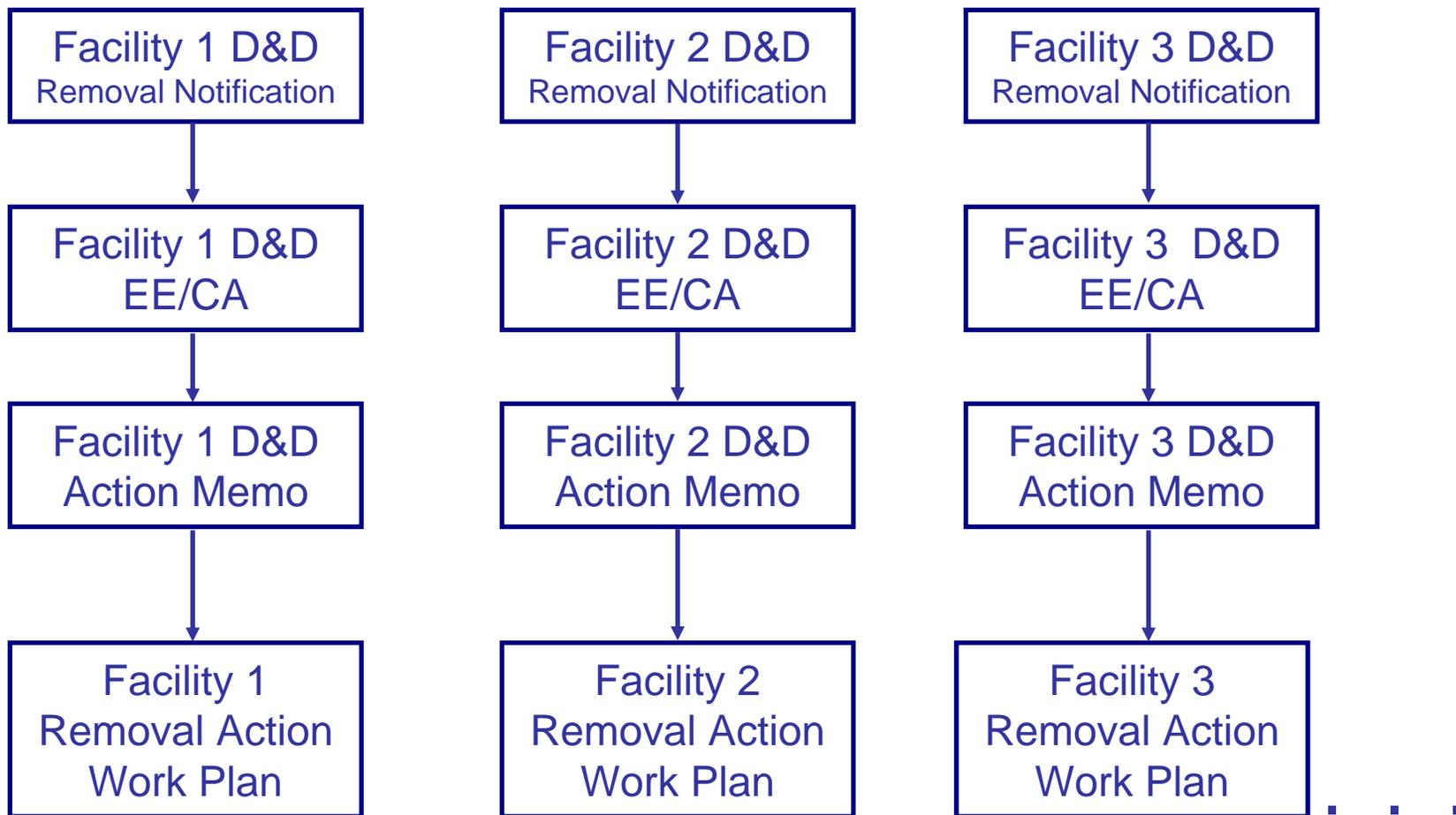
**Inactive Facilities Engineering  
Evaluation/Cost Analysis and  
Action Memorandum =**



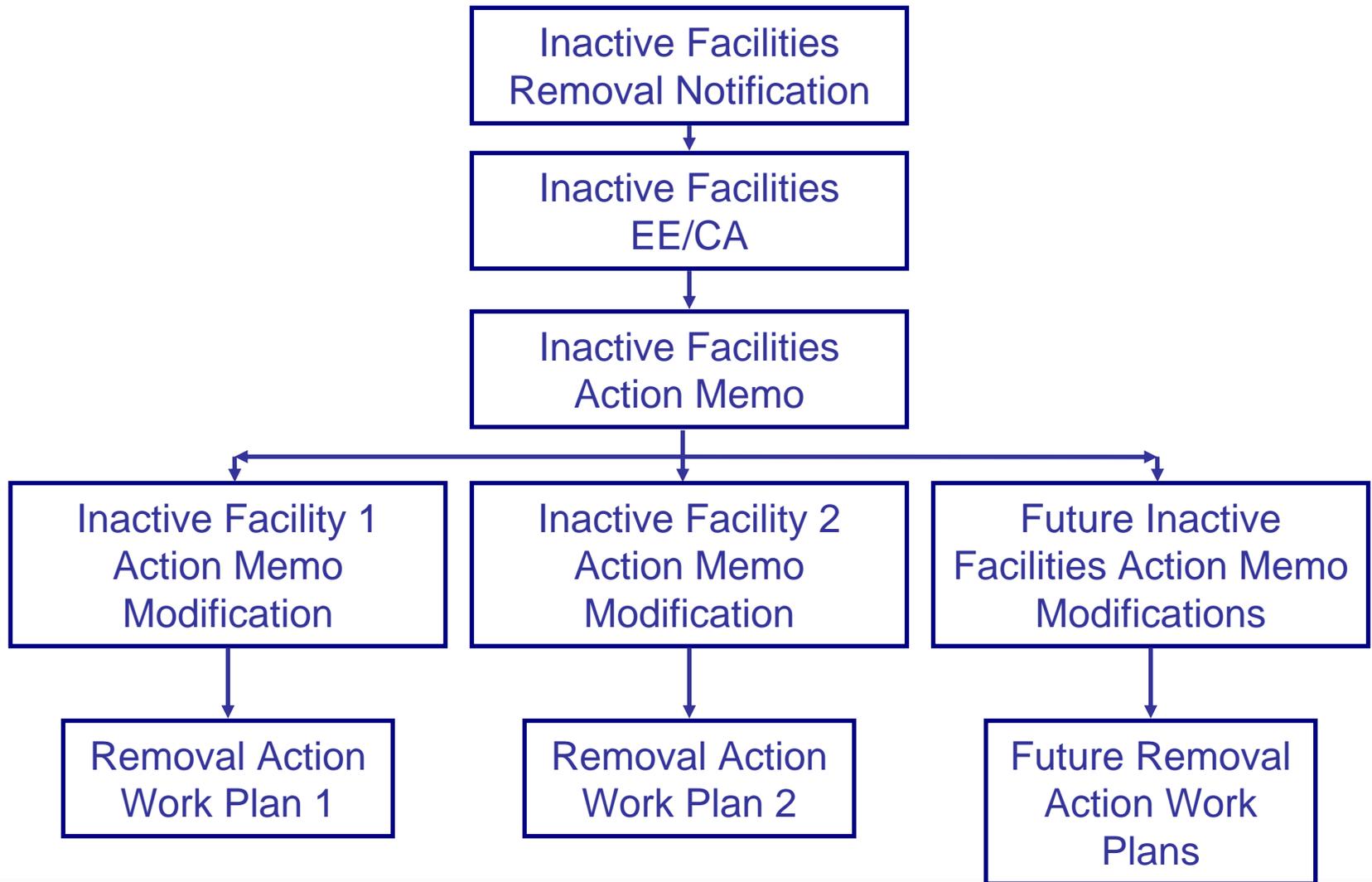
**1 Engineering Evaluation/Cost Analysis  
and Action Memorandum covers multiple  
facilities**



# Current Documentation Approach



# *Streamlined Documentation Approach*



Process would be applied to all facilities entering the D&D program



# *Inactive Facilities D&D EE/CA*

- Formed D&D Working Group with EPA, KY, and DOE Representatives
  - Collaborative effort
  - Agreement on concept
- Inactive Facilities Engineering Evaluation/Cost Analysis Approach is fully compliant with CERCLA
- Inactive Facilities Engineering Evaluation/Cost Analysis would streamline process for dispositioning Inactive Facilities (e.g one Engineering Evaluation/Cost Analysis and Action Memorandum for multiple facilities)
- Goal is to complete the Inactive Facilities Engineering Evaluation/Cost Analysis in 2009

