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SUBJECT: Documents info provided during 980403,public meetings held at DC Nuclear Plant in Bridgman,MI.Overhead slides used during meetings,encl.

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AEP
INDIANA
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April 21, 1998

AEP:NRC:1289A

Docket Nos.: 50-315
50-316

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Gentlemen:

Donald C. Cook Nuclear Plant Units 1 and 2
DOCUMENT INFORMATION PRESENTED DURING
APRIL 3, 1998, PUBLIC MEETINGS REGARDING
SYSTEMATIC ASSESSMENT OF LICENSEE PERFORMANCE
(SALP) AND RESTART PLAN OVERVIEW

This letter documents the information provided to you during the April 3, 1998, public meetings in Bridgman, Michigan.

The attachment to this letter provides copies of the overhead slides used during these meetings, discussing our engineering improvement program and restart plan.

Sincerely,

E. E. Fitzpatrick
Vice President

/vlb

Attachment

c: J. A. Abramson
A. B. Beach
MDEQ - DW & RPD
NRC Resident Inspector
J. R. Sampson

IE 40

Cdd: NRR/DSSA

ATTACHMENT TO AEP:NRC:1289A

DOCUMENT INFORMATION PRESENTED DURING
APRIL 3, 1998, PUBLIC MEETINGS REGARDING
SYSTEMATIC ASSESSMENT OF LICENSEE PERFORMANCE
(SALP) AND RESTART PLAN OVERVIEW

AEP Nuclear Engineering Improvement Plan

Alan Blind

Vice President Nuclear Engineering

Issues

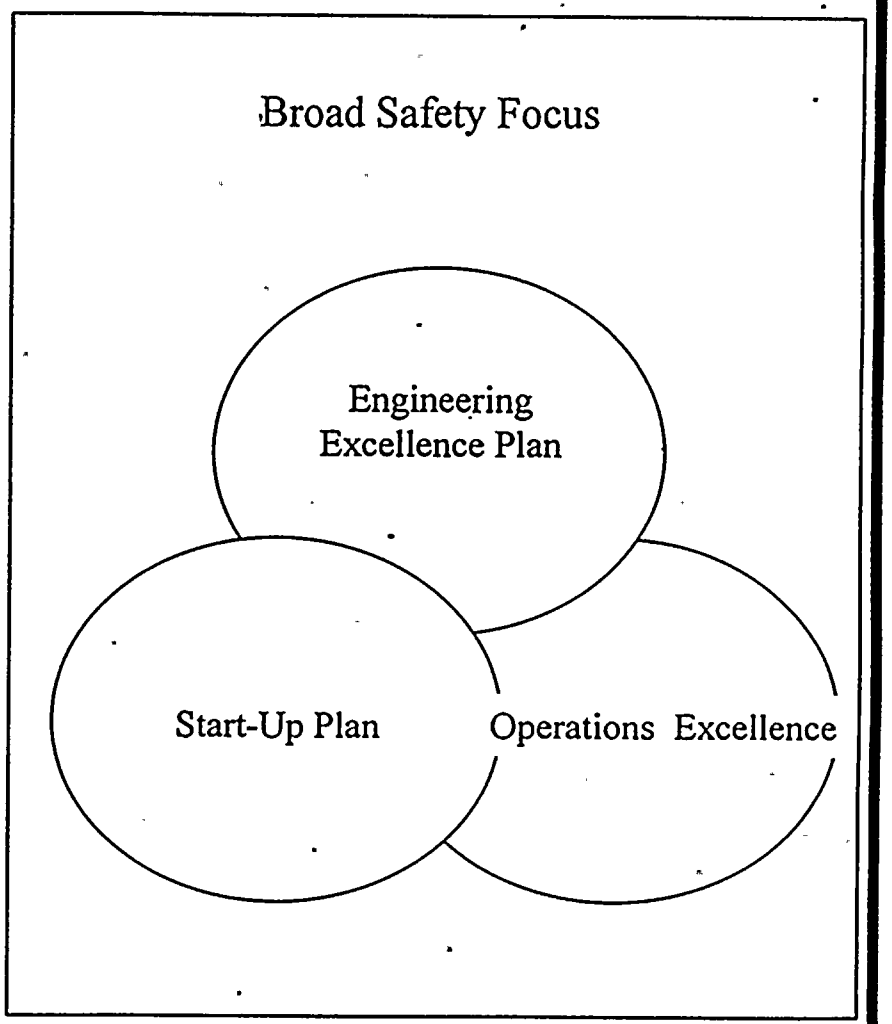
- Understanding the design basis
- Maintaining the design basis
- Design control
- Material condition
- Personnel qualifications
- Culture
- Backlogs
- Engineering staff

Strategy

- Focus on achieving excellence going forward
- Engineering excellence
  - engineering excellence policy
  - engineering excellence plan
  - engineering excellence results

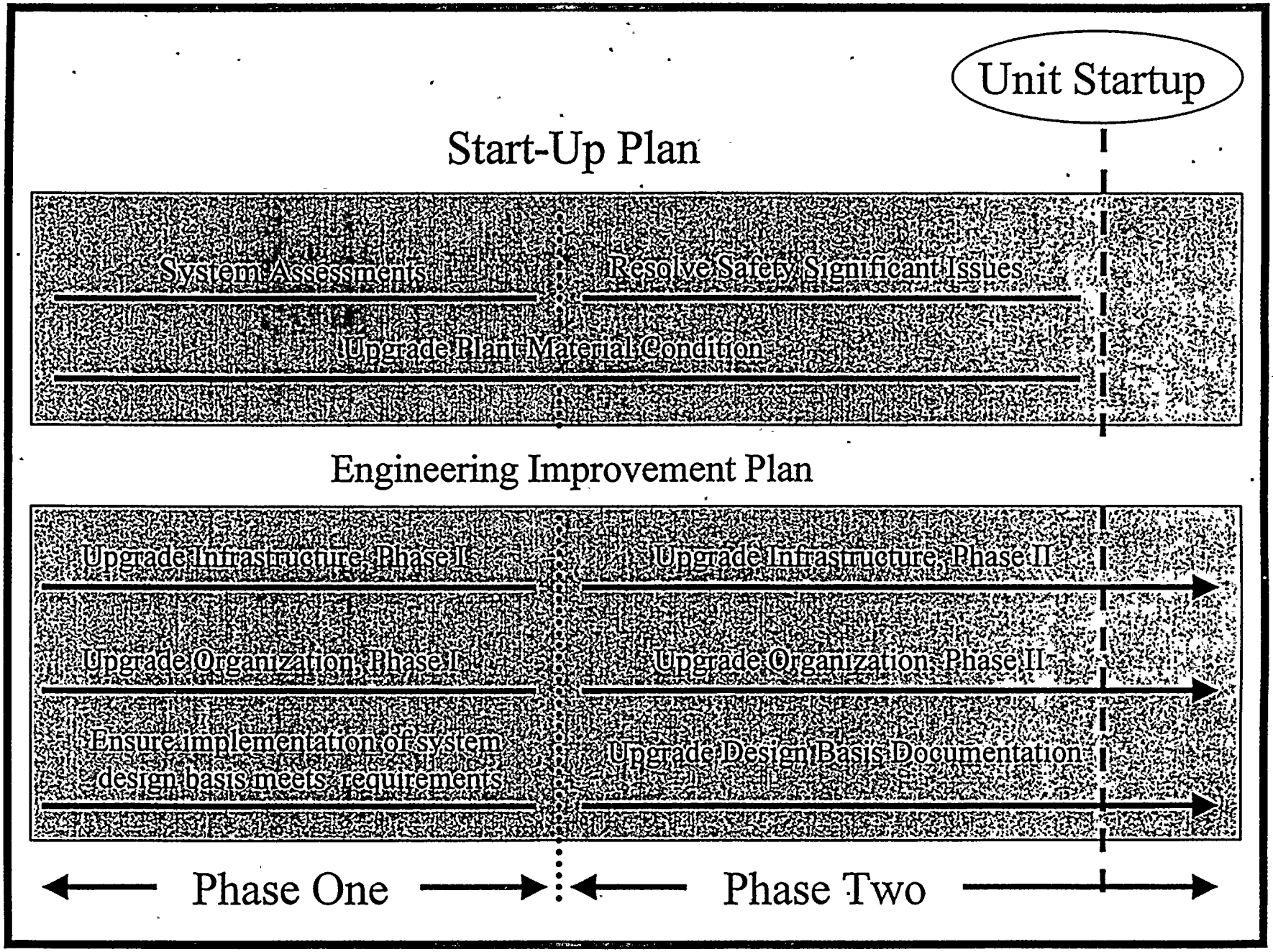
Vision

- Upgrade engineering outputs as we:
  - resolve issues in support of the AEP start-up plan
  - maintain operations excellence
- Demonstrate ongoing results reflective of engineering excellence
- Establish and maintain a work environment that supports a broad safety focus



Goal

- Conform plant material condition to align with design basis
- Upgrade AEP nuclear engineering infrastructure
- Upgrade AEP nuclear engineering organization
- Ensure implementation of system design basis meets requirements
- Upgrade design basis documentation


Unit Startup
Start-Up Plan
System Assessments
Resolve Safety Significant Issues
Upgrade Plant Material Condition
Engineering Improvement Plan
Upgrade Infrastructure, Phase I
Upgrade Infrastructure, Phase II
Upgrade Organization, Phase I
Upgrade Organization, Phase II
Ensure implementation of system design basis meets requirements
Upgrade Design Basis Documentation
Phase One
Phase Two

Upgrade Infrastructure, Phase I

- Work management
- Engineering records
- Procedure compliance
- Role clarity
- Corrective action program
- Staffing analysis
- Assessment of safety significant program challenges

Upgrade Organization, Phase I

- Qualification matrix critical tasks
- 10CFR50.59 fundamentals
  - change identification
  - rigorous evaluations
  - design basis champion
- Fundamental team building
- Human performance

Upgrade Organization, Phase I Cont'd

- Critical self assessment culture
- Industry wide perspective
- Analytical expertise
- NSSS vendor interface
- In-line quality verification reports to vice president nuclear engineering

Upgrade Infrastructure, Phase II

- Long range work management
- Integrated engineering records management
- Upgrade and integrate engineering procedures
- Configuration control
- Program assessments
  - maintenance rule
  - EOPs
  - steam generators
  - operating experience
  - others as appropriate

Upgrade Infrastructure, Phase II Cont'd

- Engineering backlogs
  - completed design changes
  - corrective actions
  - work control requests
  - drawings
  - operating experience

Upgrade Organization, Phase II

- Rebuild plant engineering training program
- Advanced team building
- Process optimization
- Personnel development plans
- Frequent self assessments

Design Basis Issues

Phase I

- Conform plant material condition with design basis
- Ensure implementation of system design basis meets requirements

Phase II

- Upgrade design basis documentation
- Upgrade safety related calculations
- Easy access to design basis documentation

Cook Nuclear Plant
Restart Plan Overview

John Sampson

Site Vice President

The Cook Nuclear Plant Restart Plan is.....

A formalized, methodical approach for Cook Nuclear Plant to identify and correct issues that are required for:

1) restart, and

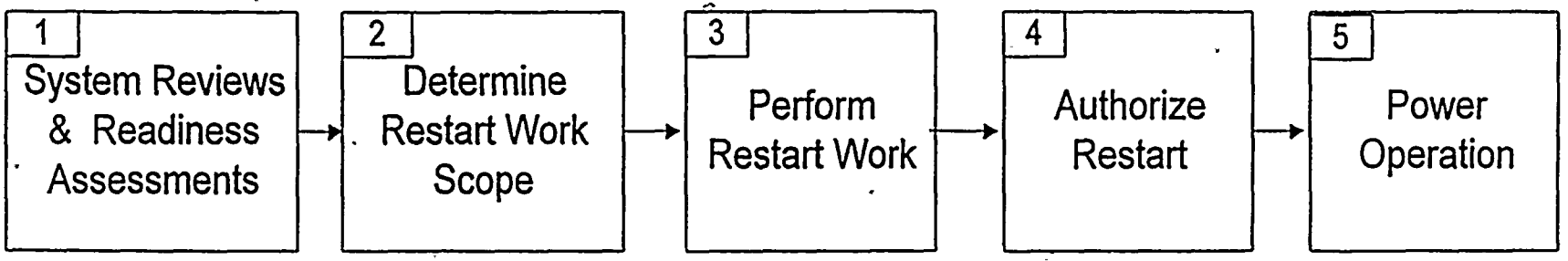
2) event free operation while the units are on line.

Restart Plan Foundations

- Rigorous self-assessment and readiness reviews
- Effective corrective action program
- Employee involvement
- Improving human performance
- Continuous communication
- Management effectiveness

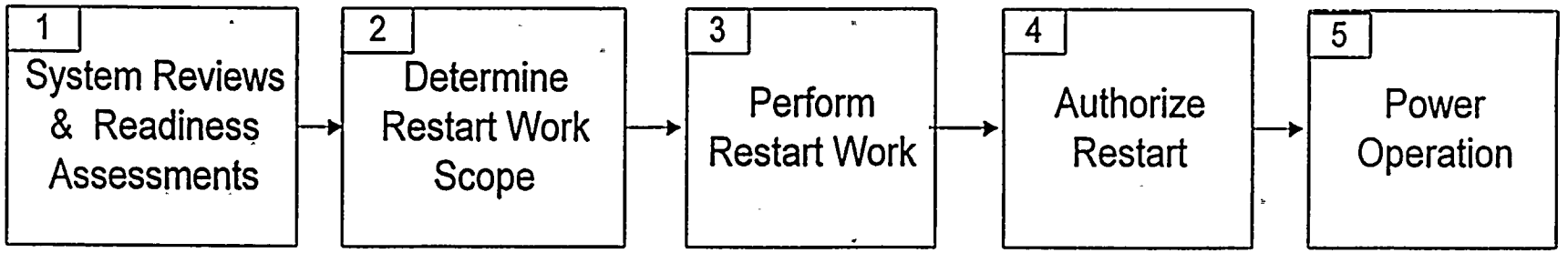
Restart Process Overview

- System reviews and readiness assessments
- Restart work scope determination
- Restart work scope performance
- Restart authorization
- Startup and power ascension



System Reviews And Readiness Assessments

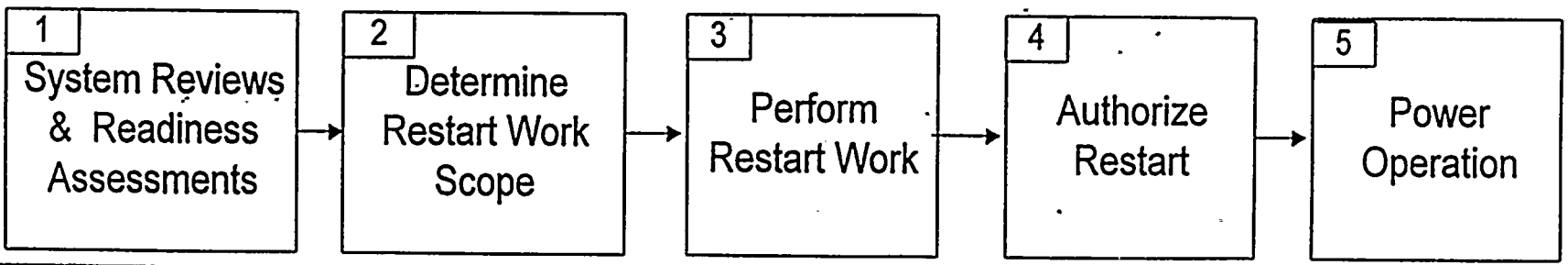
- Plant systems
- Functional areas
- Programs
- Containment



System Reviews And Readiness Assessments

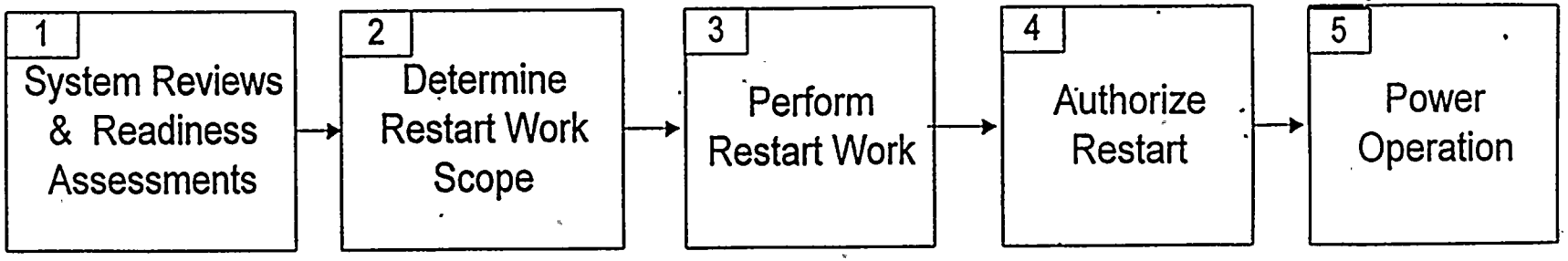
Corrective Action Program Improvements

- Corrective action program manager
- Problem identification and classification
- Root cause analysis
- Corrective action implementation



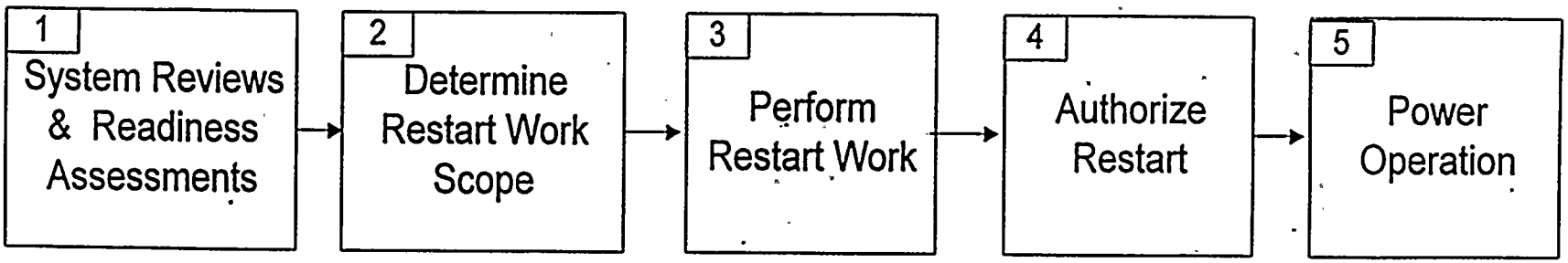
Restart Work Scope Determination

- Restart work scope criteria
- System engineer review board (SERB)
- Restart oversight committee (ROC)
- Records



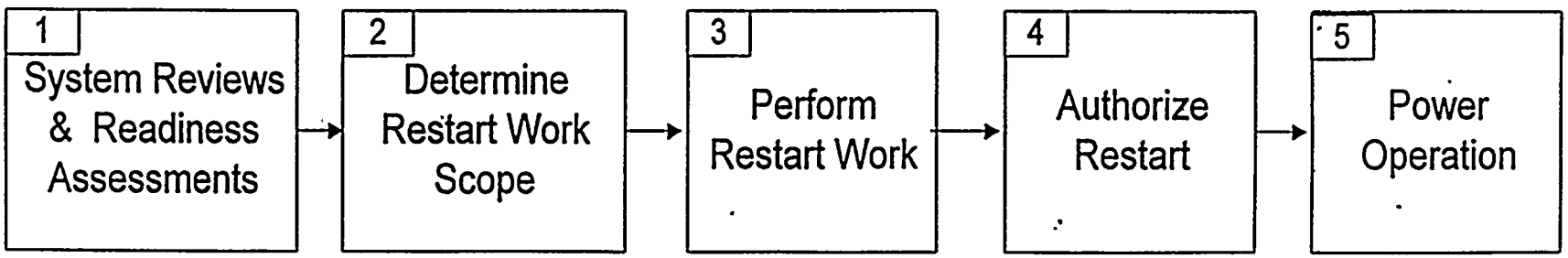
Restart Work Scope Performance

- Management oversight
- Responsibility for each item
- Process for tracking the status of restart items



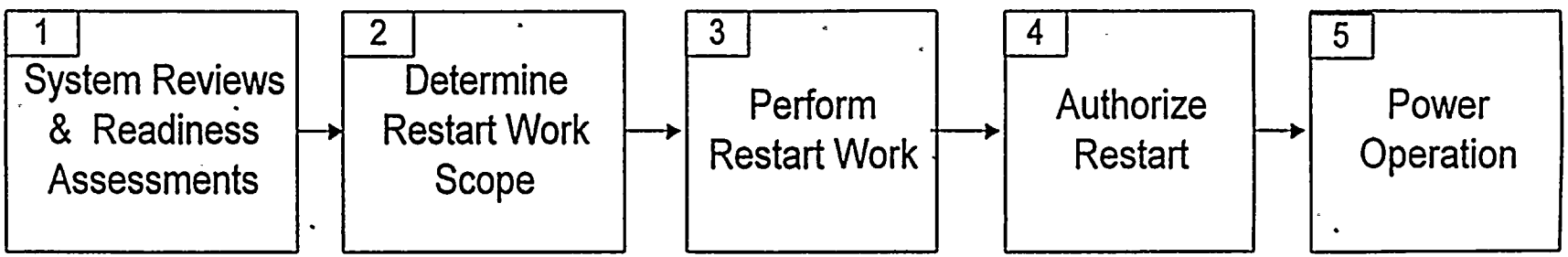
Restart Authorization

- Restart oversight committee (ROC)
- Senior manager review team (SMRT)
  - Senior managers
  - Independent safety review committee member
- NRC



Startup and Power Ascension

- Augmented management team
- Power operation



Implementation

- Restart plan approval
- Restart plan communication
- System reviews
- System engineer review board (SERB) meetings
- Restart oversight committee (ROC) meetings
- Restart work activities

Conclusion

American Electric Power

Nuclear Generation

Vision Statement:

"The vision of the AEP Nuclear Generation Group is for Donald C. Cook Nuclear Plant to be the safest, most reliable, most cost-effective generating station in the United States."