

Licensee Performance Review

Honeywell Inc.
Metropolis Facility

April 4, 2024
6:00 p.m. (CST)

LICENSEE PERFORMANCE REVIEW



**Discuss Licensee
Performance**



**Address Findings and
Performance**



**Meet with NRC
Inspectors**

AGENDA

- NRC Opening Remarks/ Introductions
- NRC Nuclear Fuel Cycle Oversight
- NRC Discussion of Current Licensee Performance
- Honeywell Honeywell Remarks
- NRC Adjourn Business Portion
- NRC Question & Answer with Public
- NRC Closing Remarks/ Adjourn Meeting

LICENSED ACTIVITIES

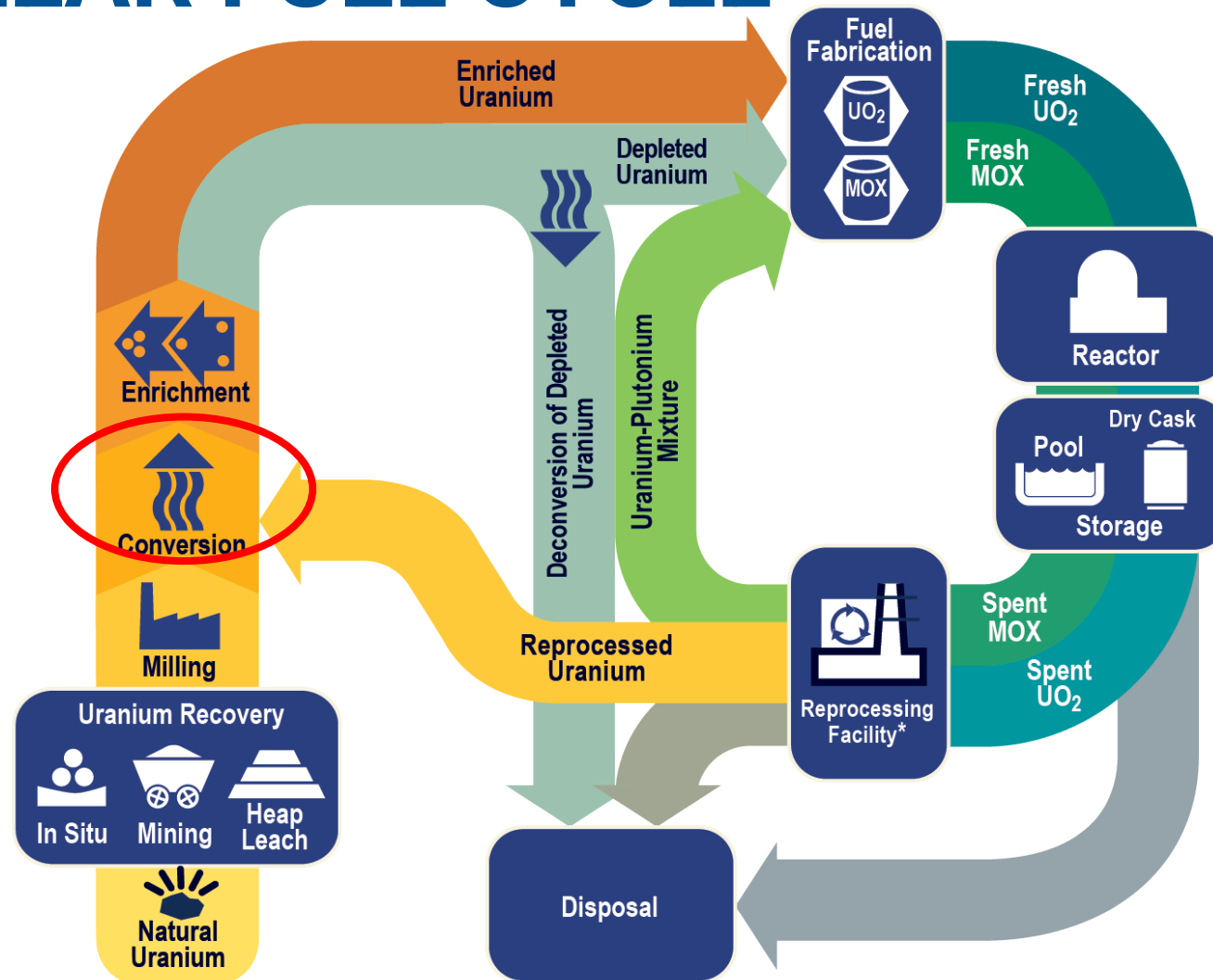
Honeywell Metropolis Works

Uranium Conversion Plant

- Turn uranium ore concentrate into uranium hexafluoride (UF_6)
- Send/receive uranium ore concentrate and full/empty UF_6 cylinders
- Only naturally enriched uranium processed at the facility

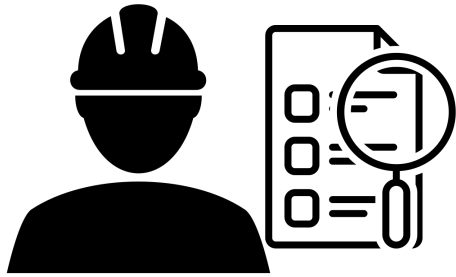


THE NUCLEAR FUEL CYCLE



* Reprocessing of spent nuclear fuel, including mixed-oxide (MOX) fuel, is not practiced in the United States.
Note: The NRC has no regulatory role in mining uranium.

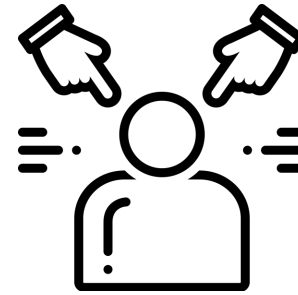
NRC FUEL CYCLE OVERSIGHT



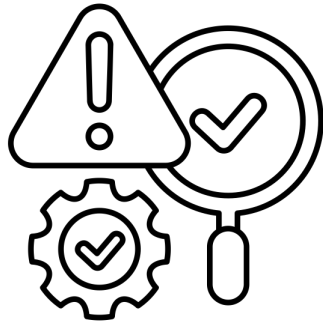
Inspections



Investigations



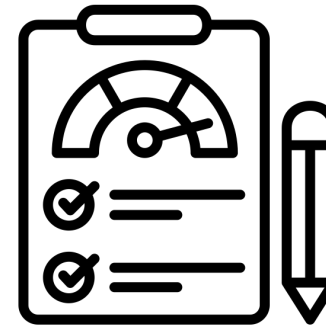
Allegations



Incident Response

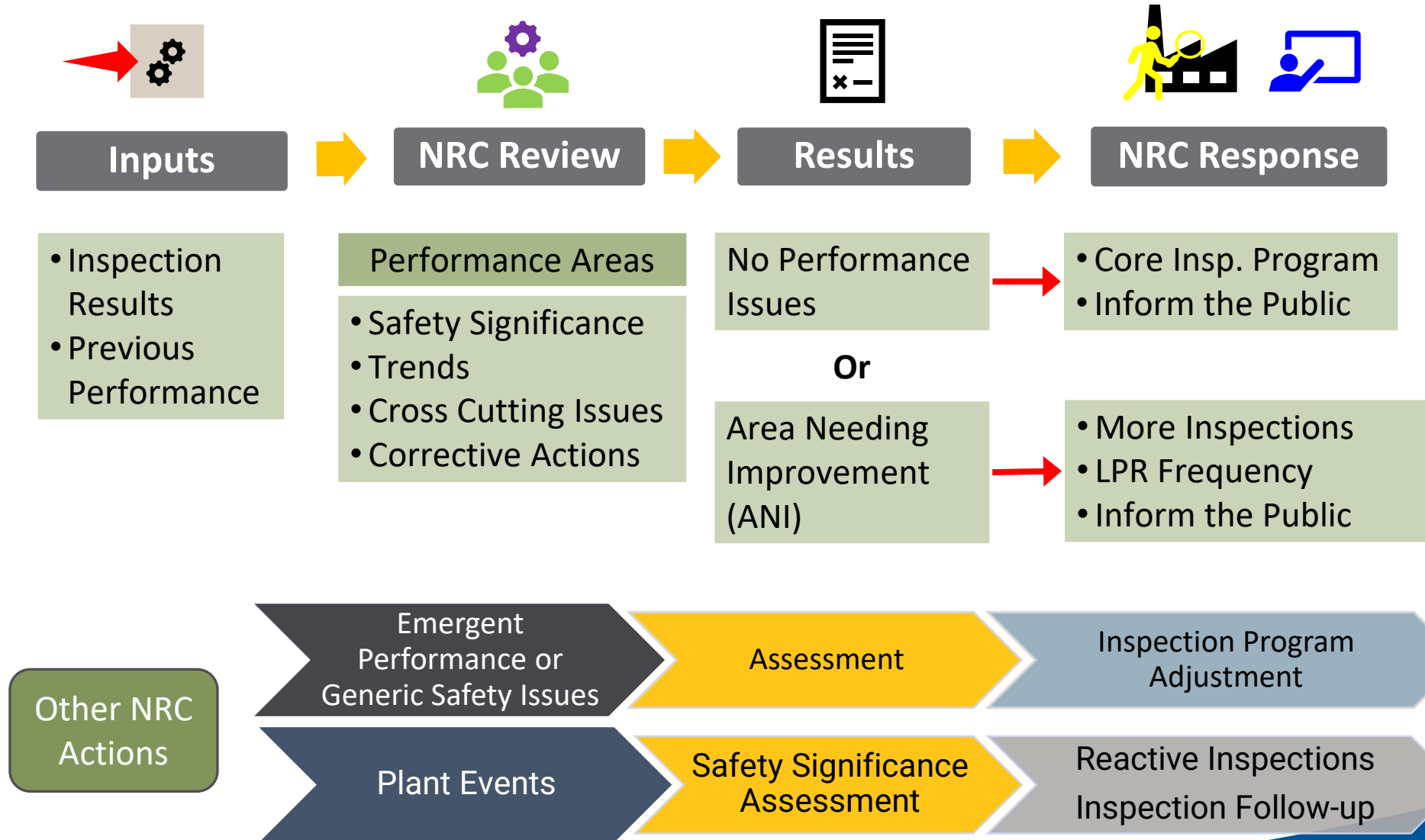


Enforcement



Performance Assessment

LICENSEE PERFORMANCE REVIEW PROCESS



LICENSEE PERFORMANCE AREAS

Safety Operations

Operational Safety

- Safety Controls
- Supporting Safety Programs



Criticality Safety

- Criticality Controls
- Criticality Incident Response
- (Not applicable to Honeywell)



Fire Protection

- Prevention, Detection, & Mitigation
- Supporting Fire Safety Programs



LICENSEE PERFORMANCE AREAS

Radiological Controls

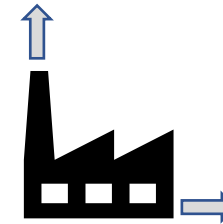
Radiation Protection

- Members of the Public
- Plant Workers



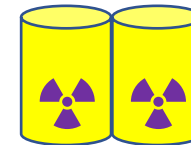
Effluent Control & Environmental Protection

- Program Implementation
- Liquid and Gaseous Effluents



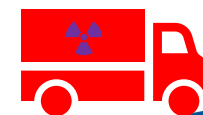
Waste Management

- Processing, Handling, Storage & Transportation of Waste



Transportation

- Receipt, Packaging & Delivery of Radioactive Materials



LICENSEE PERFORMANCE AREAS

Facility Support & Other Areas

Emergency Preparedness

- Emergency Plan Implementation
- Evaluation of Emergency Drills



Plant Modifications

- Configuration Management Program
- Request for NRC Approval



Plant Events

- Safety Assessment, Follow-up and Reactive Inspections



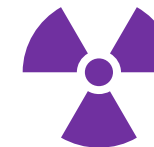
Safeguards

- Material Control and Physical Protection



LPR RESULTS

2-Year Assessment Period January 1, 2022 – December 31, 2023



Inspection Results

SAFETY OPERATIONS

No violations

FACILITY SUPPORT

One violation

RADIOLOGICAL CONTROLS

No violations

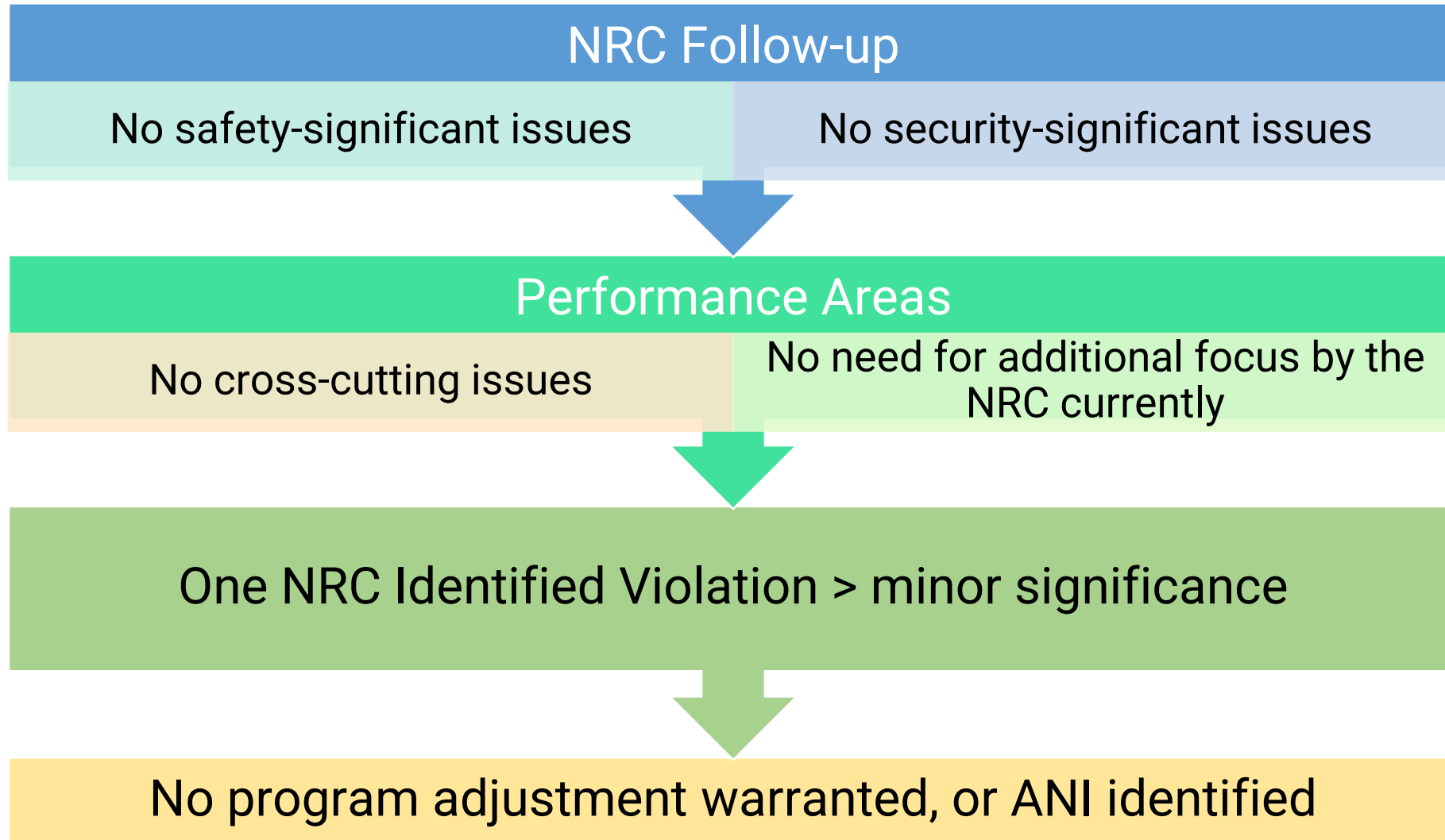
SAFEGUARDS

No violations

OTHER AREAS

No violations

LPR RESULTS



LPR SUMMARY

- Honeywell conducted activities safely and securely
- One Violation of Regulatory Requirements was identified
- NRC will maintain the core (routine) inspection program for the next performance assessment cycle (January 1, 2024 – December 31, 2025)



Honeywell Remarks

Informal Question and Answer Session between the NRC and the Public

<https://www.nrc.gov/about-nrc/contactus.html>