



Assessment of Licensee Performance (ALP)

National Enrichment Facility

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Three Focus Areas

Configuration Management (CM)

Safety Culture

Concurrent Plant Operation and Construction

- Configuration Management (CM) is the LES process used to assure that the plant is built and ready to operate in accordance with the licensed design.
- CM is one of the key LES Safety Management Programs ensuring safe operation through a managed construction process.

During the evaluation of a imminent concrete pour it was identified that there were some minor inconsistencies between the principal design drawings, the onsite document control system and the drawings in the field.

Several actions were taken including:

- Stopped concrete pours while evaluating the specific discrepancy and potential generic impacts.
- Validating that the design basis and field construction properly incorporated engineering changes.
- Using lessons learned to improve our ongoing construction activities.

In a new organization the critical steps in ensuring a strong safety culture are:

- Define it:

Safety Culture is “an organization’s values and behaviors modeled by its leaders and internalized by its members – that serve to make safety the overriding priority.”

- Measure it

- Constantly work to improve it

Our Corrective Action Program is the cornerstone for continuous improvement.

A key milestone at the National Enrichment Facility is the initiation of operation activities concurrent with continued construction and site expansion activities.

LES' first concurrent activity will involve the Hot Acceptance Testing (HAT) next year. The HAT is a limited scope operation where natural uranium material will be introduced into a test centrifuge.

Prior to this test we will implement training for radiological operations which includes:

- Site Access Training which includes general radiation protection training for site workers.
- Radiation Protection Training for people involved in radiological activities.
- Emergency Preparedness Training including Drills and Exercises.

The HAT milestone gives LES the opportunity to further demonstrate our ability to manage, construct and operate the facility safely in accordance with applicable regulations.

Concurrent Plant Operation and Construction

As we continue to move toward our first cascade on line LES will focus on the following four work planning elements to ensure safe and reliable plant operation during construction of the facility.

- **DESIGN** – An Integrated Safety Analysis (ISA) of construction risks will be conducted to determine the need for additional plant safety measures.
- **SCHEDULE** – Operations will review the construction schedule regularly to identify impacts of construction on plant operation and establish necessary compensatory measures.
- **WORK MANAGEMENT** – Operations will authorize the commencement of construction activities that involve risk to plant safety or production.
- **OPERATIONAL DECISION MAKING MODEL** – Utilized when conditions are encountered during concurrent operations and construction that require a higher level of focus.

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LES has a philosophy that the License gives us the privilege but not the right to build and operate the National Enrichment Facility.

We must earn that privilege each day by demonstrating through our actions that safety and quality are our top priority.