

# Streamlining Fatigue Management in Nuclear

*Xcel Energy is a US-based nuclear energy provider, whose mission is to continue clean energy transition, providing reliability, customer affordability, and supporting their employees and communities.*



7,000+



North America



Nuclear

## THE CHALLENGE

Xcel Energy needed a faster, more efficient way to schedule employees who work in a highly regulated environment. They faced:

- **Complex NRC Regulations:** Workers couldn't exceed specific hour limits for safety reasons.
- **Time Consuming Manual Scheduling:** Balancing regulations with employee availability was labor-intensive.
- **Error-Prone Manual Reporting:** Creating compliance reports for the NRC was tedious and prone to errors.

## HOW INDEAVOR HELPS

Indeavor's automated scheduling system streamlines Xcel Energy's operations:

- **Reduced Time Spent Scheduling:** Automatic tracking of complex fatigue rules eliminates time-consuming manual calculations.
- **Fewer Scheduling Errors:** Automation checks ensure compliance with NRC regulations, eliminating costly fines and potential safety incidents.
- **Effortless Reporting:** Automation fatigue management system generates reports for the NRC, saving staff time and resources.
- **Enhanced Safety Culture:** By proactively managing fatigue through scheduling, Indeavor helps Xcel promote a safer work environment.



Xcel Energy is thrilled to work with the specialists at Indeavor for our Worker Fatigue Management solution. Their expertise and dedication has helped create optimized employee schedules and has enabled Xcel's compliance with nuclear fatigue management regulations under **10 CFR Part 26**. It has become a one-stop shop by streamlining internal workflows and combining different processes and applications, resulting in a lot of time saved across multiple work groups."



*John Troung  
IT Manager-Nuclear*

## BENEFITS



**Reduced Operational Costs.**



**Enhanced Workforce Safety and Compliance.**



**Increased Efficiency.**

