

Engineering Inspection Program 2021 and Beyond

ROP Monthly Public Meeting
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United States Nuclear Regulatory Commission
Protecting People and the Environment

Current Status of Engineering Program

- On November 8, 2018 the staff sent SECY-18-0113 “RECOMMENDATIONS FOR MODIFYING THE REACTOR OVERSIGHT PROCESS ENGINEERING INSPECTIONS”
 - *Comprehensive Engineering Team Inspection (CETI)*
 - *2 (to 4) Focused Engineering Inspections (FEI)*
 - *4-yr Inspection cycle (with options for 3 or 5-yr cycle)*
 - *Licensee Self Assessment Project Demonstration – efforts cancelled*
- On August 5, 2021 the Commission approved staff withdrawal of SECY 18-0113

Near term considerations....

Combined Engineering Team Inspections (CETI)

- Combine DBAI (teams), 50.59 and triennial Heat Sink Performance inspections into CETI.
 - Slight reduction in staff resources due to overlap in inspection activities.
 - Benefit of enhanced review of modifications made under 50.59 (i.e. digital modifications)
- Rename DBAI (programs), triennial Fire Protection and new engineering inspections as Focused Engineering Inspection (FEI)
- Selection of replacement for POV inspection (3-year cycle ends December 2022)
- Staff intends to notify the Commission

What else are we doing?

- Proposed four-year Engineering Inspection Cycle
 - Staff will determine whether the four-year engineering inspection cycle continues to be supported with relevant data.
 - Staff will consider new information or fact of life changes.
 - 4-yr inspection cycle recommendation came from internal NRC working group in 2017-2018
- Staff will submit to the Commission a new SECY paper with options regarding the Engineering Inspection Cycle.

Questions?