

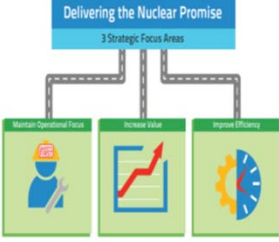
Ellen Anderson
Director, Radiation Safety

U.S.NRC Regulatory Information Conference
March 13, 2018

© NEI 2018. All rights reserved.

Delivering the Nuclear Promise Radiation Protection Efficiency Efforts & Obstacles

Delivering the Nuclear Promise




Delivering the Nuclear Promise
3 Strategic Focus Areas

- Maintain Operational Focus
- Increase Value
- Improve Efficiency


DNP was initiated to:

- Advance the industry's excellence in safety & reliability
- Drive regulatory and market changes so that nuclear energy facilities are fully compensated for their value
- Assure future viability through bold efficiency improvements and innovation ([Efficiency Bulletins](#))

© NEI 2018. All rights reserved.



RESULTS



Increase Value: Value Earned in the Electricity Markets

- ✓ New York & Illinois have adopted zero emissions credit programs resulting in five nuclear plant facilities extending operations



- ✓ Connecticut has adopted legislation allowing nuclear generation to bid into state clean energy auction
- ✓ Similar efforts are currently on-going in Ohio, Pennsylvania and New Jersey.



© NEI 2018. All rights reserved.

Delivering the Nuclear Promise Efficiency Bulletins

- Published over 69 Efficiency Bulletins

- Engineering
- Training
- Work Management
- Security
- Regulatory
- Oversight & Assessment
- Radiation Protection
- Etc...



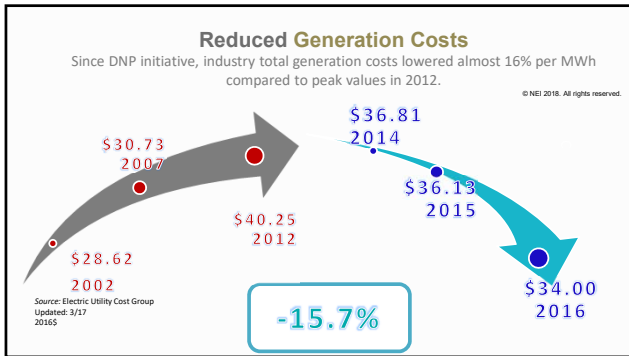
© NEI 2018. All rights reserved.

9 Radiation Protection Efficiency Bulletins

- ✓ 16-03: Align Personnel Contamination Event Response to Industry Guidance (Green)
- ✓ 16-04: Source Checking Personnel and Tool Contamination Monitors (Blue)
- ✓ 16-12: Graded Approach to Long-Term Dose Reduction Plan (Green)
- ✓ 16-13: Perform Self-Briefs for Low Radiological Risk Activities (Blue)
- ✓ 16-26c: Implement Common NANTel Radiation Worker Training (Red)
- ✓ 16-32: Electronic Dosimeter Issuance for Visitors Requiring Radiologically Controlled Area Access (Blue)
- ✓ 17-01: Portable Supplemental Radiation Protection Training & Qualification (Red)
- ✓ 17-02: Self-Protection for Radiological Work Activities (Green)
- ✓ 17-21: Weekly Source Checking of Portable Radiation Protection Instrumentation (Blue)



© NEI 2018. All rights reserved.



Licensee Obstacles to Efficiency Efforts

- Tradition: *"We've always done it this way!"*
- Time: *"We have no time to make these changes!"*
- Resources (\$ and people): *"We can't afford to make these changes now!"*

NEI

© NEI 2018. All rights reserved.

Obstacles to Efficiency Efforts From Regulators

- Changing regulatory climate
 - changes in Part 20 interpretations with no increased worker, public or environmental safety:
"The previous interpretations were wrong..."
 - changes in regulatory guidance that is contrary to existing long-standing acceptable industry practices:
"This is what they really meant!"

NEI

What Does Industry Need From
NRC to Be More Efficient?

Regulatory Stability!



© NEI 2018. All rights reserved.
