

# **Safety Conscious Work Environment for New Nuclear Construction (NEI 09-12)**

James Fisicaro – NEI

October, 2009



NUCLEAR  
ENERGY  
INSTITUTE

# NEI 09-12

- Purpose

- Provide guidance for establishing and maintaining a Safety Conscious Work Environment (SCWE) in organizations involved in engineering, procurement, and construction of new nuclear power plants.

- Audience

- EPC vendors and COL applicants

# NEI 09-12 (cont)

- Uses

- Product will establish common approach to SCWE during construction.
- Performed a review of vendor programs and concluded some vendors didn't have a SCWE program or lacked key elements.
- Product intended to meet NRC expectations.
- Vendors wanted an all inclusive product.

## NEI 09-12 (cont)

- Process used
  - Members of the review team included vendors, applicants, ECP coordinators, legal, etc.
  - Attempted to not duplicate any documents (e.g. NEI 97-05).
  - Used RIS 2005-18 Guidance for Establishing and Maintaining a SCWE.
  - NEI 09-12 concluded with the essential elements necessary to implement an effective SCWE program.

## NEI 09-12 (cont)

- Contents of document
  - Provided definitions consistent with industry practices.
  - Purpose and Applicability
  - Responsibilities
  - Essential elements for a SCWE program.
  - RIS – 2005-18 (attached)
  - Sample policy (attached)
  - Sample Training Program (attached)

## NEI 09-12 (cont)

- NPWG has endorsed NEI 09-12.
- Plan a SCWE workshop on November 12, 2009.
  - Audience is for EPCs and COL applicants.
  - Will discuss NEI 09-12 in detail
  - Will use the training program in NEI 09-12
  - Provide an opportunity to get any other industry feedback.
- Then NEI will issue NEI 09-12

## NEI 09-12 (cont)

- Would like to get any feedback the NRC may have on our product.
- Questions