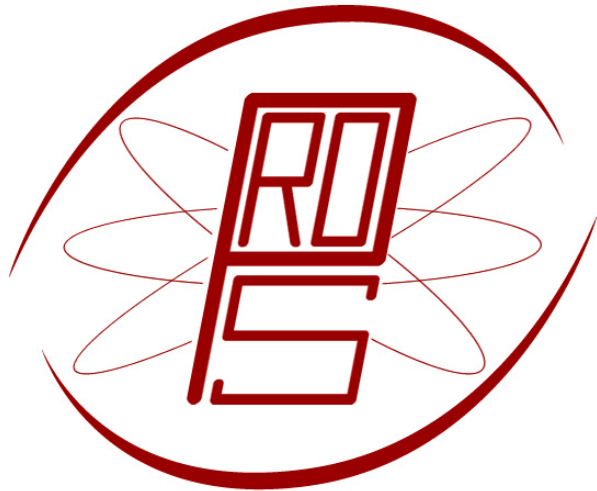


NRC Public Workshop on the  
Development of a Policy  
Statement on Safety and  
Security Culture  
February 3, 2009

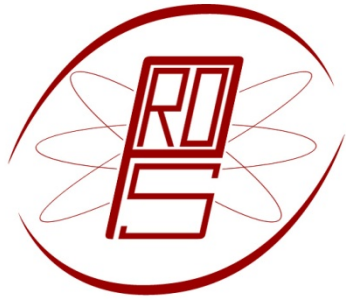


*PROFESSIONAL  
REACTOR  
OPERATOR  
SOCIETY*

# Comments of the Professional Reactor Operator Society

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**Frank L. Maciuska Region 1 Director  
Former Ginna SRO, RO, Shift Technical Advisor**



# PROS Code of Ethics

- As members of the Professional Reactor Operator Society, we associate ourselves for the purposes of maintaining and enhancing the integrity of the nuclear power industry. We subscribe to the highest standards of excellence in operating performance and adherence to all rules and regulations legally and properly administered.
- We are committed to the preservation of the health and safety of the general public. To this end, we approve and support only safe operating practices.
- We advocate the highest ideals of operator proficiency and technical expertise in order to uphold these professional standards. In addition, we expressly encourage open communication and cooperation among all who participate in furthering the safety, efficiency, and integrity of the nuclear industry.





Jimmy & Rosalind Carter Visit 1<sup>st</sup> April 1979





TMI Control Room - 2007





# Issue 1

- Combine the expectations in the policy statement for safety culture and security culture or keep separate?

## Keep separate:

- Significant effort expended to date to internalize the concept of safety culture, security culture is a new concept to our membership.
- "Security culture and safety culture have much in common, but at times their requirements are at odds with one another" \*

\* Nuclear Security Culture: The Case of Russia, Center for International Trade and Security, University of Georgia Press, December 2004





# Comparison of Principles

## ■ Safety Culture \*

- **Everyone is personally responsible**
- **Leaders demonstrate commitment**
- **Trust permeates the org**
- **Decisions-making reflects safety first**
- **Nuclear technology is recognized as special and unique**
- **A questioning attitude is cultivated**
- **Organizational learning is embraced**
- **Nuclear safety undergoes constant examination**

## ■ Security Culture \*\*

- **Motivation**
- **Leadership**
- **Commitment and responsibility**
- **Professionalism and competence**
- **Learning and improvement**

\* <sup>INPO 2004</sup> Nuclear Security Culture: The Case of Russia, Center for International Trade and Security, University of Georgia Press, December 2004

\*\* IAEA 2008



## Issue 2

- How should NRC increase attention by NRC, licensees and certificate holders to Safety Culture?
  - Before we ask how, we should ask why?
  - Other than a memorandum from the Commissioner's Staff, what is driving the need for increased attention on safety culture?
  - Is this going beyond regulation and crossing over into "excellence"?





## Issue 3

Does safety culture as applied to reactors need to be strengthened?

No, although NRC can be a driver for safety, by definition Safety Culture is the values and behaviors of an organization. How can a regulatory agency strengthen that, other than focusing on its own staff?