

**Advancing Nuclear Safety and Security Culture to Mitigate Threats to Nuclear Facilities**

**Sao Paulo, Brazil  
September 25-27, 2018**

The US Department of State (DOS) Partnership for Nuclear Security (PNS) and Instituto de Pesquisas Energéticas e Nucleares (IPEN) will co-host a workshop addressing how all staff play a role in contributing to good safety and security culture, which provides the basis for mitigating threats within their facility. Lectures, group exercises, and tabletop exercises will be used to foster discussion and demonstrate concepts.

<b>Day One: Tuesday, 25 September 2018</b>		
09:00-09:30	<b>Opening and Introductions</b>	Dr. Wilson A. P. Calvo, IPEN
09:30-10:30	<b>The Implementation of Safety and Security Culture at Nuclear Facilities within Brazil</b> <i>This session will allow a representative from IPEN, Electronuclear, and INB to address the promotion of good safety and security culture within their organizations.</i>	CNEN Electronuclear INB
10:30-10:45	Break	
10:45-12:00	<b>Continuation of Safety and Security Discussion</b> <i>Discussion of good safety and security culture will continue with feedback and best practices/lessons learned from SMEs and all participants.</i>	All/WINS
12:00-13:00	Lunch Break	
13:00-14:00	<b>Understanding the Threat</b> <i>SMEs will address the various types of threats which pose a risk to our nuclear facilities.</i>	SNL
14:00-14:15	Break	
14:15-15:45	<b>Introduction of Tabletop Exercise (TTX)</b> <i>SMEs will present the tabletop model which will be utilized throughout the remainder of the workshop to foster discussion and demonstrate concepts.</i>	ORNL
15:45-16:00	<b>Wrap-up Discussion</b>	All

Day Two: Wednesday, 26 September 2018		
09:00-09:15	<b>Review of Day 1</b>	All
09:15-10:30	<b>The Security Program</b> <i>This session will discuss how a security program is designed and implemented to mitigate threats to a facility - addressing both technical and human components.</i>	SNL
10:30-10:45	Break	
10:45-12:00	<b>Human Reliability</b> <i>SMEs will discuss what measures a nuclear facility can take to ensure they have the most reliable staff possible.</i>	ORNL
12:00-13:00	Lunch Break	
13:00-15:45 With break	<b>Small Group Breakouts for Tabletop Exercise</b> <i>Participants will be split into smaller groups for the conduct of the tabletop exercise.</i>	All
15:45-16:00	<b>Wrap-up Discussion</b>	All

Day Three: Thursday, 27 September 2018		
09:00-09:15	<b>Review of Day 2</b>	All
09:15-10:30	<b>Large Group Feedback from TTX</b> <i>Each smaller group will provide feedback from the conduct of the TTX to address lessons learned and best scenarios presented.</i>	All
10:30-10:45	Break	
10:45-12:00	<b>Lessons Learned/Action Planning</b> <i>Small group breakouts will again be used to focus on the lessons learned during this week and how measures can be taken back to facilities to promote positive change.</i>	Groups
12:00-13:00	Lunch Break	
13:00-14:15	<b>Action Planning Feedback and Sustainability Considerations</b> <i>The larger group will share measures identified to implement positive change in their own facilities – prioritizing those deemed most important and implementing in a sustainable fashion.</i>	All
14:15-14:30	Break	
14:30-15:00	<b>Making the Changes</b> <i>Each participant will identify their primary takeaway from the week.</i>	All
15:00-16:00	<b>Wrap-up Discussion and Presentation of Certificates</b>	All