

**AGENDA**  
**ETAP Nuclear Utility Users Group (NUUG)**  
**2016 Conference**  
ETAP Learning Center – Irvine, CA  
June 21 – 23, 2016

**Tuesday, June 21**

8:00 -9:00	Registration Continental Breakfast Networking
9:00 -10:00	<b>WELCOME AND INTRODUCTIONS</b>  Opening, Officer and Attendee Introductions  Mark Bowman      NUUG Chair

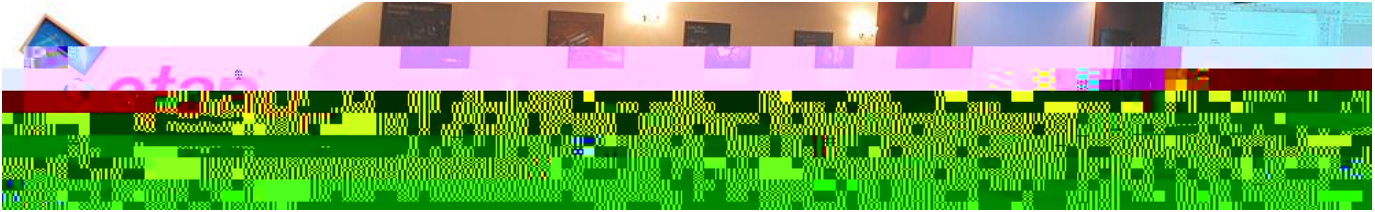
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**Wednesday, June 22**

8:30 - 9:00	Continental Breakfast Networking		
	<b>Degraded Voltage Relay (DVR) Settings</b>		
9:00 - 9:30	Clinton Station DVR Setting Methodology Overview	Jim Mosley	Exelon
9:30 -10:00	McGuire/Catawba DVR Setting Methodology Overview	Neal Simmons	Duke Energy
<b>BREAK</b>			
	<b>Degraded Voltage Relay (DVR) Settings (cont.)</b>		
10:30 -11:00	Point Beach DVR Setting Methodology Overview	Tim Lensmire	NextEra Energy Point Beach
11:00 -11:30	Sequoyah DVR Setting Methodology Overview	Tim Fallesen	TVA Nuclear
11:30 -12:00	Diablo Canyon DVR Setting Methodology Overview	Greg Reimers	Pacific Gas & Electric
12:00 -12:15	<b>NUUG Group Photo</b>		
<b>LUNCH</b>			
1:00 -2:45	<b>NEI 15-01, An Analytical Approach for Establishing DVR Settings - Comparison to Existing Plant Methodologies</b>		Mark Bowman      TVA Nuclear
	Presentation & group discussion		Panelists
<b>BREAK</b>			
3:15 -3:30	<b>NUUG Business Meeting</b>		
	NUUG Charter Officer Nominations		NUUG Officers





## **Agenda**

# **ETAP 211 Nuclear Power System Analysis    Advanced 1-Day Workshop**

ETAP Learning Center – Irvine, CA

June 24, 2016

9:00 am – 4:00 pm

### **Morning Session**

#### **Unbalanced Load Flow & Open Phase Fault Analysis**

- Introduction to Unbalanced Load Flow
- Harmful Effects of System Unbalance
- Buried Delat Winding & No Load  
Losses for 2/3 Winding Transformers
- Motor Modeling for Unbalanced  
Studies
- Open Phase Fault Analysis
- Output Reports / Alerts

### **Afternoon Session**

#### **User-Defined Dynamic Models - ETAP**