Agenda
Nuclear Utility User Conference
9th Annual ETAP 2009 NUUC
OTI Learning Center – Irvine, CA
June 16 – 18 , 2009

Tuesday June 16

Time	Session	Presenter
8:00 – 9:00 **T1**	**Welcome** • Opening and Attendees Introduction • ETAP Commitment to Quality	Sargent & Lundy ETAP
9:00 – 10:00 **T2**	**ETAP Enhancements** • 7.0 New Features and Capabilities	ETAP
10:15 – 12:00 **T3**	**Plant System Analysis** • Browns Ferry ETAP Project Layout Overview • ELMS to ETAP Conversion • Overview of Model Used for Short Circuit and Load Flow	TVA TVA Sargent & Lundy DTE Energy
Lunch		
1:00 – 2:45 **T4**	**Plant System Analysis** • Transient Stability Analysis Using ETAP • OE28377, "Emergency Diesel Transient Analysis Using Allowable Technical Specification Voltage and Frequency Ranges" • ETAP Learning Opportunities	Duke Power Duke Power Roettger Engineering
3:15 – 5:00 **T5**	**Arc Flash Analysis** • A Complete Plant Arc Flash Analysis with ETAP 7.0 **Real-Time Simulation** • Model Validation and Switching Optimization Using Predicted System Response	ETAP ETAP
Social	**Dinner at ESPN Zone – Disney Walk in Anaheim**	

Wednesday June 17

Time	Session	Presenter
8:00 – 9:45 **W1**	**Diesel Generator Analyses** • ETAP User Defined Module to Model Emergency Diesel Generator • A Simplistic Approach to EDG Loading and Voltage Analysis Using ETAP	MPR TVA Dominion Resources
10:15 – 12:00 **W2**	**Special Presentations** • ETAP -SPEL Smart Plant Electrical Interface with ETAP • Overview of ITER Conceptual Design	Intergraph ITER Organization
Lunch		
1:00 – 2:45 **W3**	**System Protection & Coordination** • Short Circuit Duty for Generator CB with Fault Current Decay • Library Modification, Plot Option, Star Q&A	ETAP ETAP
3:15 – 3:30	**Group Picture**	All
3:30 – 4:30 **W4**	**Motor Starting Analysis** • Motor Starting And Generator Sizing Using MagnaDrive and Wye -Delta Motor Starters **Roundtable Discussion** • Open Topics	Savannah River Nuclear Solutions Sargent & Lundy
Social	**Baseball Game: LA Dodgers vs. Oakland A's**	

Thursday June 18

8:00 – 9:45 **TH1**	**DC Systems** • DC Systems Analysis Using ETAP Point R elease • Using the DC Model	URS Washington Grp URS Washington Grp PPL
10:15 – 12:00 **TH2**	**NERC Requirements** • Use ETAP to address NERC Requirements FAC -008-1 and FAC -009-1 (Facility Ratings Methodology) • Generator Applicable Standards per NERC Requirements	Roettger Engineering Duke Energy
Lunch		
1:00 – 2:45 **TH3**	**ETAP Future Enhancements** • Outstanding Items from 2008 NUUC • Scheduled Items for ETAP 8.0 Release	Sargent & Lundy ETAP ETAP
3:15 – 5:00 **TH4**	**Roundtable Discussion** • Open Topics	Sargent & Lundy
Social	**Dinner at Caspian Restaurant - Irvine**	

The ETAP Nuclear Utility Conference provides a discussion platform for its member institutions and representatives where items related to ETAP software can be shared and discussed in relation to the nuclear power industry. The ETAP Nuclear Utility User Group is open to any and all client institutions of OTI licensed as nuclear users. All users within a nuclear client institution using ETAP to support the activities of a nuclear utility are encouraged to participate in the annual conference and its related activities. ETAP users with a non-nuclear license who are interested in nuclear activities can participate as an associate member.

Nuclear Utility User Symposium
9th Annual ETAP 2009 NUUS
OTI Learning Center – Irvine, CA
June 19, 2008

Friday June 19

8:00 – 9:45 **F1**	**AC & DC Control System Diagram**	User Group & OTI
10:15 – 12:00 **F2**	**Database Management**	
Lunch		
1:00 – 2:45 **F3**	**Short Circuit, Motor Starting, and Star**	
3:15 – 5:00 **F4**	**Open Topics**	

The purpose of the ETAP Nuclear Utility User Symposium is to provide feedback and suggestions directly to OTI's R&D group to help with the development of detailed specifications for future modules and enhancements. The symposium provides the opportunity to focus on requirements and needs specific to the nuclear industry. For example, the Control Systems Diagram module was developed based on specifications discussed at previous symposiums.