

2018 PLANT RETIREMENT

Lessons Learned on Comprehensive Project Execution

FEATURING

**Tour of AEP's
Former 1000MW
Tanners Creek Plant**

**January 29-30, 2018
Westin Cincinnati
Cincinnati, OH**

POST-CONFERENCE WORKSHOP

**Environmental Issues Inherent in
Decommissioning Power Plants**

TUESDAY, JANUARY 30, 2018



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EUCI is authorized by IACET to offer 1.0 CEUs for the conference and 0.4 CEUs for the workshop



Envirocon



NATIONAL

OVERVIEW

Generation owners of aging coal or oil fueled stations have already done so or are still planning on closing facilities due to various U.S. Environmental Protection Agency rules like the Mercury and Air Toxics Standards with some impacts by many other rules as well. While these rules have been a major force in changing the landscape of coal powered generation, there have also been the economic influences of less demand and natural gas prices while non-critical and aging plants simply are no longer economically viable.

For those companies that are still engaged in planning after the decision was made to close, what happens next? How does an owner essentially cover the costs associated with closing a plant and how does that impact the decision to simply mothball, demolish, convert fuels or sell the property? For those owners that have closed a facility, what are the issues that are left behind after the brick and mortar presence has left the community.

This conference will provide owners with the next steps in the plant closure process by sharing vital information and lessons that have been acquired by the generation owners by discussing: comprehensive beginning to end closure projects, community engagement, human resource lessons learned from closed facilities, the preparation involved in selling a plant, and the options for environmental liability transfer. There will also be a tour of a former American Electric Power facility that was sold and is being demolished for redevelopment.

LEARNING OUTCOMES

- Examine Duke Energy's lessons learned from a dozen decommissioned sites
- Discuss the decommissioning and demolition lessons learned for Great River Energy's Stanton Station
- Engage in a moderated answer and question session on challenges facing generation owners
- Listen to a strategy designed as a cost-controlled solution for managing the retirement and decommissioning of a large-scale power plant
- Engage first-hand in the walking tour of the former AEP Tanners Creek Plant
- Discuss Consumers Energy's strategies for successful commitments to communities during the closure process
- Expand on DTE Energy's community engagement methods while gaining new perspectives and strategies
- Review American Electric Power's proactive options for keeping employees engaged while working at a plant that is slated to retire and what happens after



"The quality of the presentations was outstanding! The topics covered were very relevant and the information shared will be very helpful to me."

Manager-Decommissioning, DTE Energy



"Hearing other companies talk about the decommissioning process and their 'lessons learned' is a valuable resource to the newcomers in this type of work. Knowing what not to do helps guide us to knowing what to do."

Senior Engineer, Santee Cooper

AGENDA

MONDAY, JANUARY 29, 2018

8:00 – 8:30 am Registration and Continental Breakfast

8:30 – 8:40 am Introductions

8:40 – 9:40 am Lessons Learned from Fleet Decommissioning and Demolition

Duke Energy has the long-term vision for its roughly dozen decommissioned sites to return them to ground level. A majority of those have been completed and restoration accomplished at most of those as well. This presentation will review some lessons we have learned from the decommissioning and demolition of those sites while discussing our Ohio plant that is in the process of decommissioning with future demolition being planned.

Mike Wertz, Midwest Manager of Demo, Duke Energy

9:40 – 10:30 am



Great River Energy Stanton Station Decommissioning and Demolition Case Study

This presentation will walk through the decommissioning and demolition process for the Great River Energy Stanton Station. It will cover:

- Why the decision was made to decommission Stanton Station
- What upfront decommissioning work was performed
- What upfront Owners Engineer assistance was provided
- How the demolition process has been managed and progress to date

Rich Garman, Senior Project Manager, Great River Energy

Chris Dowdell, D&D Project Manager, Burns and McDonnell Engineering

10:30 – 11:00 am

Networking Break Sponsored by Envirocon

11:00 am – 12:30 pm

Panel Discussion: Facing the Challenges of Plant Closure

This moderated answer and question session will dive into the various unknowns and challenges facing generation owners after closing a plant and options for what to do with the asset after it has ceased operations. Attendees should feel free to ask their questions of these expert panelists.

Moderator: TBD

Joe Vendetti, Vice President, Decommissioning & Demolition, Remedial Construction Services, L.P.

Richard Smith, President, RJ Smith Demolition

Brian Erskine, VP of Sales, US Ecology

Kevin Wiczak, Business Development Manager, GSD Companies

12:30 – 1:30 pm

Group Luncheon



“The conference is well attended by owners who have performed the work and they are willing to honestly share good & bad experiences.”

Business Development, Brandenburg



“Very informative sessions and enjoyed the discussion.”

Plant Manager, Newfoundland Hydro/Nalcor Energy

AGENDA

MONDAY, JANUARY 29, 2018 (CONTINUED)

1:30 – 2:15 pm



A Fixed-Price Strategy Used at AEP's former Tanners Creek Station

During power plant retirement, budget forecasts seldom align with actual costs – this can be due to a variety of factors including: higher than expected concentrations of environmental contamination, changes to regulatory requirements, fluctuating interest rates, fluctuating and unpredictable scrap recycling and equipment salvage prices, contractor disputes, unforeseen conditions, relocation of utilities, fluctuating real estate values and so on. Sometimes the cost to decommission a plant becomes greater than the original cost to build and bring a plant online. This presentation will present a strategy designed for energy companies and other stakeholders, including potentially responsible parties, seeking a cost-controlled solution for managing the retirement and decommissioning of large-scale power plants and facilities.

At Tanners Creek, for a fixed price, Environmental Liability Transfer Inc. assumed all environmental liabilities, demolition and abatement obligations, and funds an environmental trust which insulates and protects the Seller from environmental remediation boomeranging back. Following remediation, this program creates a pathway to successful and viable redevelopment of the property, eliminating the negative stigma when an energy company exits a local community. Employing this strategy has resulted in elimination of urban blight, created new jobs, increased local tax revenue base, increased public health and safety, improved sustainability efforts, etc.

Doug Willett, Executive VP at Environmental Liability Transfer, Inc. and Commercial Development Company, Inc.

Jim Bockstiegel, Energy Production Superintendent Sr, AEP

2:15 – 2:45 pm

Networking Break and Board Bus for Tour

2:45 pm

Bus Departs for Tour

3:15 – 4:30 pm

Tour of AEP's Former 1000MW Tanners Creek Plant

During this walking tour of the site, AEP and Commercial Development Company (CDC) personnel will review demolition and site progress covering what steps were taken prior to the sale to CDC and what will occur on site through to completion. This will give a hands-on look at what occurs during demolition of a site like this for those who may have not been a part of a project yet.

4:30 – 5:15 pm

Return to Hotel

5:15 – 6:15 pm

Networking Reception



“Rather than a typical conference with consultants & contractors vying for client contacts/opportunities, this conference provided great insight into major utility's successes and best practices for plant decommission.”

Principal Engineer, Anchor QEA

AGENDA

TUESDAY, JANUARY 30, 2018

8:00 – 8:30 am

Continental Breakfast

8:30 – 9:15 am



The Classic 7 Case Study – Focus on Community Relations

In late 2011, Consumers Energy announced plans to close out our “Classic Seven” units – a collection of seven coal generation units in three different Michigan locations. We understood from the beginning that these facilities were more than generating infrastructure – they were also an integral part of each community’s economy and social fabric. This presentation will review communication strategies, messages, activities and publications that were used to successfully demonstrate our commitment to each community and its long-term success.

Lynn Wilson, AICP, Stakeholder Engagement Manager for Major Projects, Consumers Energy

9:15 – 10:00 am



Another Take on Community Collaboration

DTE Energy will present on stakeholder communication and the community collaboration they engaged in as part of their plant retirement process. This presentation will expand on methods discussed in the prior presentation and share additional perspectives and strategies.

Michael Chriss, Director Corporate and Government Affairs, DTE Energy

10:00 – 10:30 am

Networking Break

10:30 – 11:30 am

Retirement of Power Plants – What Happened to the Employees?

This presentation will review proactive options that kept employees engaged while working at a plant that was slated to retire, including other employment options within the company. Topics will include employee communications; human resources involvement; plant leadership involvement; other options within the company; and how it all played out.

Leslie A Rittenhouse, HR Manager – Generation & Energy Supply, American Electric Power

11:30 am – 11:45 am

Conference Wrap-Up

11:45 am

Conference Adjourns



“I really enjoyed the conference and have a much better understanding of all of the constituents needed to decommission/mothball a power plant.”

Sr. Business Analyst, Southern Company



“Presentations provided valuable information on a timely subject affecting the power industry.”

General Manager, Wisconsin Public Service

POST-CONFERENCE WORKSHOP

Environmental Issues Inherent in Decommissioning Power Plants

TUESDAY, JANUARY 30, 2018

12:30 – 1:00 pm **Registration**

1:00 – 4:30 pm **Workshop**

OVERVIEW

The decommissioning and preparation work that needs to be accomplished for a retired plant is an obvious complicated and lengthy process. Part of this work is the almost overwhelming list of environmental considerations in a project. This engaging afternoon workshop will delve into the myriad of environmental concerns from asbestos, PCBs, salvage and scrap handling, to coal piles and coal combustion residues. The afternoon will conclude with a detailed discussion on the types of existing permits and what to do with those once the facility is decommissioned. Workshop attendees will leave with useful environmental information that can assist in the development of successful decommissioning and demolition projects.

AGENDA

- Structural Safety Inspections
- Asbestos
 - “Thorough” surveys are required prior to demolition under Asbestos NESHAPs Regulation, 40 CFR Part 61, Subpart M.
 - Notification Requirements
 - Clearance Sampling
- Hazardous and Regulated Materials
 - Lead – Waste Classification, Disposal and the OSHA Lead in Construction Rule
 - PCBs
 - Mercury
 - Fuels
 - Lubricants
 - Process Chemicals
 - Universal Wastes
- Salvage and Scrap
 - Preparation
 - Transportation
 - As-is and Transfer of Title
- Coal and Combustion Residues
 - Coal Pile Residues
 - Coal Combustion Residues

WORKSHOP AGENDA

TUESDAY, JANUARY 30, 2018 (CONTINUED)

- Permits
 - Air Emission Permit Withdrawal and Credits
 - Water – NPDES, Process Waste Water and Storm Water Management
 - Army Corps of Engineers – Cooling Water Intake and Discharge Structures
 - FAA Stack Lighting
 - Solid Waste Landfills
 - Construction Phase and Post-construction Phase Storm Water Pollution Prevention Plans

- Work Plans / Means and Methods
 - Temporary Power
 - Abatement
 - Structural Demolition
 - Material Management – Scrap, Salvage and Waste

- Remediation
 - Environmental Site Assessments
 - Remediation Work Plans
 - Remediation
 - Long Term O & M

- Restoration for Future
 - Begin with the End in Mind

WORKSHOP INSTRUCTOR



Edward Malley
Vice President Power & Utility Development, TRC

INSTRUCTIONAL METHODS

Case studies, PowerPoint presentations, and group discussion will be used in this event.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

Participants must sign in/out each day and be in attendance for the entirety of the conference to be eligible for continuing education credit.

IACET CREDITS



EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

EUCI is authorized by IACET to offer 1.0 CEUs for the conference and 0.4 CEUs for the workshop.

REGISTER 3, SEND THE 4TH FREE

Any organization wishing to send multiple attendees to this event may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.

EVENT LOCATION

A room block has been reserved at the Westin Cincinnati, 21 E 5th St, Cincinnati, OH 45202 for the nights of January 28 - 30, 2018. Room rate is \$159 plus applicable tax. Call **1-513-621-7700** or [click here](#) for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is December 28, 2018 but as there are a limited number of rooms available at this rate, the room block may close sooner. ***Please make your reservations early.***

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PLEASE SELECT

- 2018 PLANT RETIREMENT CONFERENCE AND WORKSHOP:**
JANUARY 29-30, 2018: US \$1895
Early bird on or before January 12, 2018: US \$1695
- 2018 PLANT RETIREMENT CONFERENCE ONLY**
JANUARY 29-30, 2018: US \$1495
Early bird on or before January 12, 2018: US \$1295
- POST-CONFERENCE WORKSHOP ONLY**
JANUARY 30, 2018: US \$595
Early bird on or before January 12, 2018: US \$495
- YES, I WOULD LIKE TO ATTEND THE OPTIONAL TOUR OF AEP'S FORMER 1000MW TANNERS CREEK PLANT:**
MONDAY, JANUARY 29, 2018: US \$50

REGISTRATION
to register [CLICK HERE](#) or

Call: 201 871 0474
fax: 253 663 7224
email: register@pmaconference.com
web: <http://pmaconference.com/>
Mail: POB 2303 Falls Church Va 22042

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

Print Name

Job Title

Company

What name do you prefer on your name badge?

Address

City

State/Province

Zip/Postal Code

Country

Phone

Email

List any dietary or accessibility needs here

CREDIT CARD INFORMATION

Name on Card

Billing Address

Account Number

Billing City

Billing State

Exp. Date

Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)

Billing Zip Code/Postal Code

OR Enclosed is a check for \$ _____ to cover _____ registrations.

Substitutions & Cancellations

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before December 29, 2017 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at (201) 871-0474.