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EPA's Proposed Effluent Limit Guidelines for Steam Electric Generating Units - Regulatory Update

A presentation for CIBO

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WorleyParsons: Water & Wastewater

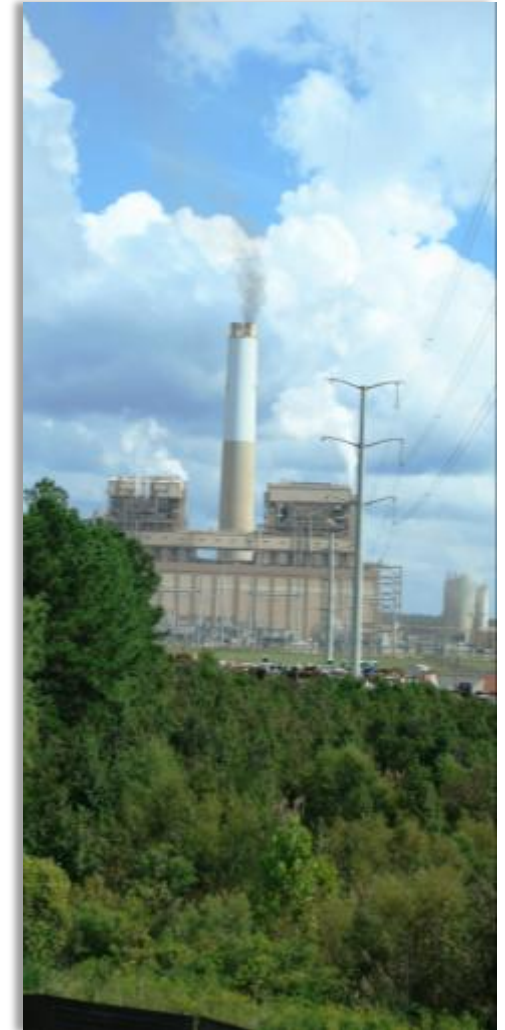
- ▶ Over 39,000 people strong
- ▶ Offices and projects around the world
- ▶ A project delivery company with significant experience in developing projects for clients
- ▶ Significant experience in water and wastewater engineering for our utility, commercial, and industrial customers



Effluent Limitation Guidelines

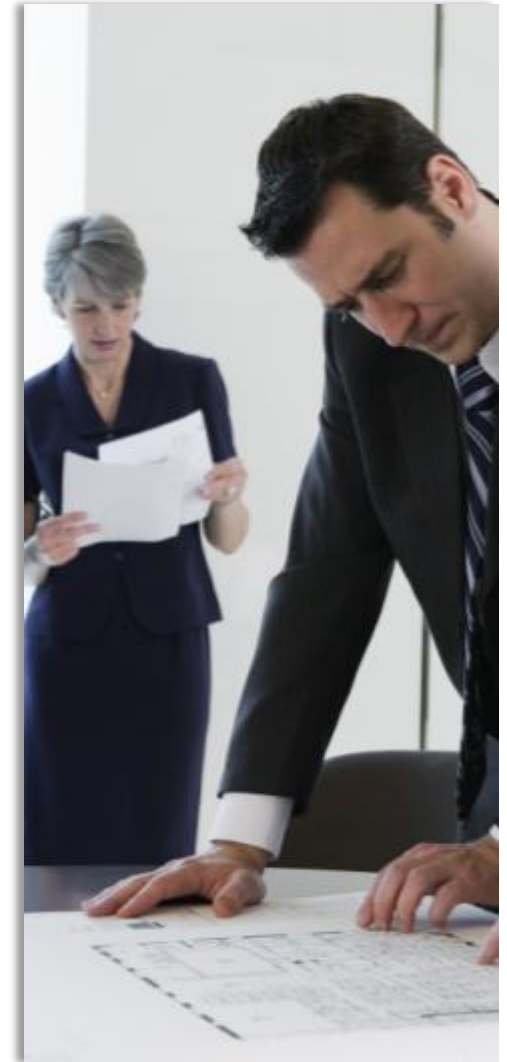
40 CFR Part 423

- ▶ Applies specifically to Steam Electric Generating Units
- ▶ On the books, and regulating power plant effluent since 1982
 - However, it has not been revised since 1982
- ▶ EPA ordered to ensure water regulations reflect changes in science, technology, and air quality regulations
- ▶ New air quality regulations require technologies that have cleaned the air but often at the expense of the water
 - e.g., FGD scrubbers



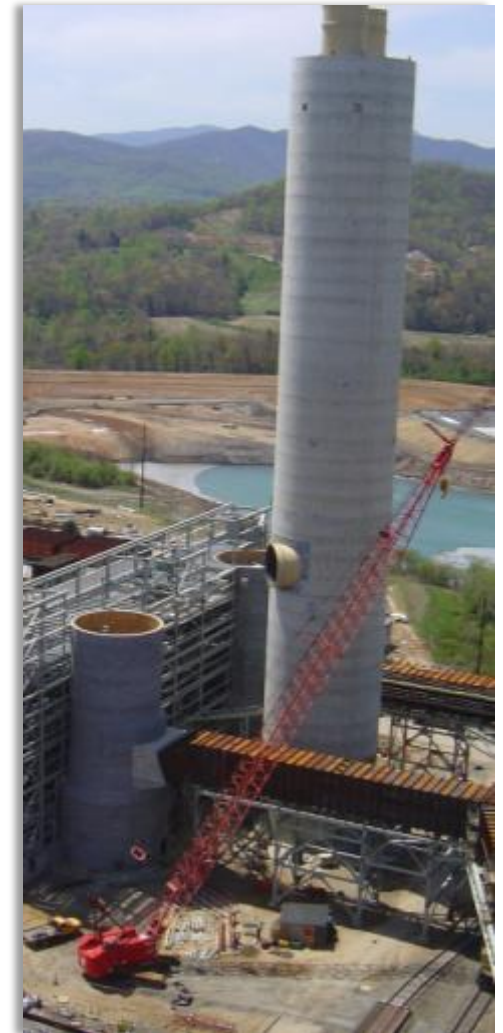
Proposed changes Schedule to Implement

- ▶ EPA signed proposed rulemaking April 19, 2013
- ▶ 60 day comment period was extended into September of 2013
- ▶ 40 CFR part 423 is required to have final action on proposed rulemaking by May 22, 2014
- ▶ The regulations need to be incorporated into permits beginning July 2017
- ▶ New permit conditions for existing sources would need to be met within three years of next permit cycle, starting from July 2017



Schedule to Implement will Change

- ▶ EPA informed the Federal Court in December 2013 of the following:
 - EPA has advised Plaintiffs that it will require additional time to prepare a notice taking final action on its proposed rulemaking beyond the May 22, 2014, deadline set forth in Paragraph 4 of the Consent Decree, as modified by the Stipulated Extension filed by the parties on September 20, 2012.
 - EPA is engaged in discussions with Plaintiffs to see if the parties can reach Case 1:10-cv-01915-RWR Document 33 Filed 12/16/13 Page 1 of 32 agreement on a joint stipulation to modify the Consent Decree, as provided for in Paragraph 5 of the Decree. If those negotiations are unsuccessful, EPA intends to file a motion with the Court, requesting additional time to make a decision taking final action on the proposal.



When, then?

- ▶ General consensus in industry is in the Fall or later.
- ▶ Aligned with CCR regulations preferably.
- ▶ What to do?
 - Track regulations
 - Review the comments from other organizations (I highly recommend Duke Energy's)
 - Contemplate how your permits may be impacted by the delay
 - Review the cost of compliance of waste stream segregation





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