Message

From: gcoriell@ovec.com [gcoriell@ovec.com]
Sent: 2/12/2021 1:56:29 PM
To: Huggins, Richard [Huggins.Richard@epa.gov]
Subject: Update on the Clifty Creek Station CCR Activities

Mr. Huggins:

I am writing to provide you with an update on the status of the Clifty Creek Station's CCR Rule compliance activities as they relate to the CCR demonstration the Indiana-Kentucky Electric Corporation (IKEC) filed with U.S. EPA in November 2020. First, I want to assure you that IKEC is working hard to execute its CCR Rule compliance strategy in support of the schedule that was contained in the CCR demonstration by continuing to develop design, award various contracts, and secure the permits necessary to commence with the work associated with the various facility modifications that are needed to meet the intent of the rule. We have been working to secure the applicable permits, and I have provided a summary of those activities below for your reference:

Office of Air Quality

1. Title V modifications have been applied for and secured to capture the management of fugitive dust activities associated with construction activities.

2. A Permit-To-Install has been submitted to IDEM's Office of Air Quality for the material handling aspects of the boiler slag handling system that will be constructed as part of IKEC's CCR and ELG compliance strategy. The application is currently under review, but we expect to receive it in a timely manner.

At this time, IKEC is not anticipating any additional significant air permitting needs associated with the project.

Office of Water Quality

1. IKEC submitted an application to the Office of Water Quality on February 9, 2021 seeking permission to install the first of the storm water redirect corridors. The permit seeks permission to install a new storm water corridor redirecting more than 500 acres of storm water watershed acreage (most of this acreage is not owned by IKEC) around the facility's West Boiler Slag Pond. The permit further seeks to have IDEM recognize and place storm water limits on a new storm water outfall that will be associated with the new storm water corridor alignment. So far, IDEM's Office of Water Quality has been helpful, and we expect to receive this permit timely to support the project.

2. IKEC has been working on developing additional storm water permit packages that will be submitted in the near future.

3. IKEC has been working with the Office of Water Quality to identify the appropriate NPDES modifications. We are preparing multiple modification packages for submittal in the near future.

4. IKEC will be seeking a Permit-To-Install for the chemical treatment system that will be required as part of the facility's CCR and ELG compliance strategy. The design of the system is still being finalized. A permit application will be developed and submitted once the design has been completed.

Office of Land Quality

1. As noted at the time of IKEC's initial submittal of its CCR demonstration, IKEC had already begun working on securing the necessary permitting to initiate closure of Phase I of the West Boiler Slag Pond (WBSP). IKEC began working with IDEM's Office of Land Quality in April of 2019 to ascertain what information/design package would be needed to secure a closure permit. After working with IDEM on more than one iteration of the closure application information, IKEC was able to submit a closure application to IDEM in February 2020. However, after submitting the package IKEC received requests for additional information, to which it provided formal response on July 1, 2020. IKEC continued to reach out to IDEM multiple times to offer whatever support we could to secure a timely permit and received concurrence that the permit package was complete on October 26, 2020. On November 20, 2020, IKEC held a public meeting to present the proposed project plan in a public forum and received no public comments.

2. IKEC received a draft permit associated with the Phase I closure of the West Boiler Slag Pond on February 2, 2021, and is presently reviewing the draft permit conditions. At this time, I anticipate that IKEC will need to file comments with IDEM on the draft permit, which will be completed by February 19.

3. IKEC is concerned with its experience in securing this first permit associated with closure. IDEM's own process indicates that they have 180 days to review permit applications and to take action on them. In this case, our experience has been much longer. IKEC is further concerned with the potential impacts to the schedule it proposed in the Clifty Creek Station's CCR demonstration, which reflected what IKEC determined to be "technically feasible". If IKEC is unable to secure a final permit for Phase I closure by the end of March, I fear that the project will suffer significant delay not only in Phase I, but in the subsequent phases of the WBSP and the Landfill Runoff Collection Pond (LRCP) closure as well.

4. Below is a list of dates that IKEC feels are crucial milestones that need to be adhered to in order to stay in step with what was considered technically feasible per the CCR Rule:

March 31, 2021 - Receive final WBSP Phase I Closure Permit (the final permit will impact subsequent phases of design & operational practices)
April 2, 2021 - Submit WBSP Phase II Closure Application Package & LRCP (we have already reviewed the conceptual design for this work with IDEM on February 4)
June 2021 - Begin construction on Phase I closure of the WBSP
October 8, 2021 - IKEC needs to receive Phase II & LRCP closure approval from IDEM to support construction
November 2021 - Contractor mobilization to begin to install new concrete boiler slag handling system (concrete tanks)

As you can see, there is a significant amount of work hanging on IKEC's ability to secure a timely and acceptable permit from IDEM. IKEC is committed to maintaining compliance with the CCR Rule and will continue to work toward the schedule provided in our CCR demonstration to the extent possible under the state regulations.

Please let me know if you have any questions regarding this update. IKEC looks forward to working with U.S. EPA as we execute the projects.

Gabriel S. Coriell
Environmental Services Manager
Environmental Affairs

Ohio Valley Electric Corp.
Indiana-Kentucky Electric Corp.
Phone: (740) 289-7267
Cell: Ex. 6 Personal Privacy (PP)
Fax: (740) 897-7731
E-mail: gcoriell@ovec.com

"Work SAFE today, someone will need you tomorrow!"