



CCR Surface Impoundments Closure Completion Notification

**B.L. England Generating Station
Former Slag Ponds**

May 2019

B.L. England Generating Station

Prepared For:

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Prepared By:

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1.0 Notification of Completion

RC Cape May Holdings, LLC (RCCMH) currently owns and operates the B.L. England Generating Station). The Station derived the majority of its power from coal burning operations, and the Former Slag Ponds Coal Combustion Residuals (CCR) Surface Impoundment system at the Station had been used to quench coal slag from brackish water withdrawn from the nearby Great Egg Harbor Bay (GEHB). The first cell (Slag Bailing Pond) provided primary settling and a storage area for the recovery of slag. The second cell (Slag Settling Pond) provided additional settling of fine particulates. RCCMH is submitting this notification that Slag Pond closure activities were completed in September 2018 in accordance with the April 17, 2018 Closure Plan for CCR Surface Impoundments for the B.L. England Generating Station as follows:

- A total of 5,650 tons of CCR-containing material was excavated and disposed off-site.
- The CCR material was transported to the Cumberland County Improvement Authority (CCIA) for use as daily landfill cover.
- The CCR excavation was conducted by Enterprise Network Resolutions Contracting, LLC (ENRC) of Hammonton, New Jersey via long-reach excavator.
- All CCR material was removed from the Slag Ponds and disposed off-site except for the following:
 - To protect the structural integrity of an active utility pipe rack that crosses between the Slag Bailing Pond and Slag Settling Pond a slide-rail shoring system was installed along an approximately 30-foot portion of the southern sidewall of the Slag Settling Pond during slag removal. Where the shoring system was not used, the excavation was discontinued when it reached approximately 5 feet from the pipe rack support footings to maintain the structural integrity of the active utilities and pipe rack. Based on field observations, slag material may remain beneath portions of the pipe rack. Additionally, the planned excavation of a small area in the northeast corner of the Slag Settling Pond was precluded due to structural concerns associated with the pipe rack. Any residual material is limited in extent and does not extend to the ground surface; however, a dense graded aggregate (DGA) cap was installed in these areas to prevent erosion of the surficial soils and prevent direct contact with residual slag material. This engineering control has been incorporated into the Site-wide Deed Notice.

Upon completion of excavation activities, both Slag Ponds were backfilled with clean fill and capped with DGA meeting the requirements of the New Jersey Department of Environmental Protection (NJDEP) Fill Material Guidance for SRP Sites. Both excavations were backfilled with approximately 14,600 tons of certified clean material from DunRite Sand & Gravel of Vineland, New Jersey (DunRite). A cap of DGA between six and 12-inches thick from DunRite or Hanson Aggregates of Newtown, Pennsylvania (Hanson) was then installed to prevent erosion of the clean fill and facilitate the continued industrial use of the area.

2.0 Certification

I, the undersigned New Jersey Professional Engineer, hereby certify that it is my professional opinion that, to the best of my knowledge, information, and belief, that the Slag Pond closure activities have been completed in accordance with current good and accepted construction and engineering practice(s) and standard(s) appropriate to the nature of the project and the April 17, 2018 Closure Plan for CCR Surface Impoundments for the B.L. England Generating Station as described above. For the purpose of this document, “certify” and “certification” shall be interpreted and construed to be a “statement of professional opinion”. The certification is understood and intended to be an expression of my professional opinion as a New Jersey Registered Professional Engineer, based upon knowledge, information, and belief. The statement(s) of professional opinion are not and shall not be interpreted or construed to be a guarantee or a warranty of the retrofit activities.

Barry J. Sutherland

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Printed Name of Professional Engineer

State of New Jersey Professional Engineer
License Number

Signature of Professional Engineer

Date