

July 14, 2021
File No. 25221134.00

Mr. Jeff Maxted
Alliant Energy
4902 N. Biltmore Lane
Madison, WI 53718

Subject: Design Certification
Phase 1, Modules 5 and 6 Liner and Leachate Collection/Removal System
Dry Ash Disposal Facility
Columbia Energy Center, Pardeeville, Wisconsin


Dear Mr. Maxted:

SCS Engineers (SCS) reviewed the design of the alternative composite liner and leachate collection and removal system prior to the construction of the Phase 1, Modules 5 and 6 liner at the Columbia Energy Center (COL) dry ash disposal facility. Based on our review, the alternative composite liner and the leachate collection and removal system designs meet the requirements detailed in 40 CFR 257.70. Pursuant to 40 CFR 257.70(e), our certification of the alternative composite liner and leachate collection and removal system design for Phase 1, Modules 5 and 6 is provided on the following page.

Sincerely,



Phillip E. Gearing, PE
Project Manager
SCS Engineers



Eric J. Nelson, PE
Project Director
SCS Engineers


PEG/lmh/EJN

cc: Brian Clepper, Columbia Energy Center

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P.E. CERTIFICATION

	<p>I, Phillip E. Gearing, hereby certify that the liner and leachate collection and removal system for Phase 1, Modules 5 and 6 at the Columbia Energy Center dry ash disposal facility have been designed in accordance with the requirements in 40 CFR 257.70. This certification is based on my review of the design documents supporting the January 28, 2011 Plan of Operation Update approval, and September 14, 2011 Plan of Operation Approval Modification, issued by the Wisconsin Department of Natural Resources. I am a duly licensed Professional Engineer under the laws of the State of Wisconsin.</p> <p><i>Phillip E Gearing</i> 7/14/21</p>
	<p>(signature) (date)</p>
	<p><i>PHILLIP E GEARING</i></p> <p>(printed or typed name)</p>
	<p>License number <u>E-45115-6</u></p> <p>My license renewal date is July 31, 2022.</p> <p>Pages or sheets covered by this seal:</p>
	<p>Entire document – letter and certification page.</p>