



LINER DOCUMENTATION

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**Bremo Power Station CCR Surface Impoundment:
North Ash Pond**



Submitted To: Bremo Power Station
1038 Bremo Bluff Road
Bremo Bluff, VA 23022

Submitted By: Golder Associates Inc.
2108 W. Laburnum Avenue, Suite 200
Richmond, VA 23227

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Project No. 15-20347

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Table of Contents

1.0	Certification	1
2.0	Introduction	2
3.0	Purpose	2
4.0	Conclusions	2

1.0 CERTIFICATION

This Liner Documentation for the Bremo Power Station's North Ash Pond was prepared by Golder Associates Inc. (Golder). The document and Certification/Statement of Professional Opinion are based on and limited to information that Golder has relied on from Dominion and others, but not independently verified, as well as work products produced by Golder.

On the basis of and subject to the foregoing, it is my professional opinion as a Professional Engineer licensed in the Commonwealth of Virginia that this document has been prepared in accordance with good and accepted engineering practices as exercised by other engineers practicing in the same discipline(s), under similar circumstances, at the same time, and in the same locale. It is my professional opinion that the document is accurate and prepared consistent with the requirements in §257.71 of the United States Environmental Protection Agency's "Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments," published in the Federal Register on April 17, 2015, with an effective date of October 19, 2015 (40 CFR §257.71).

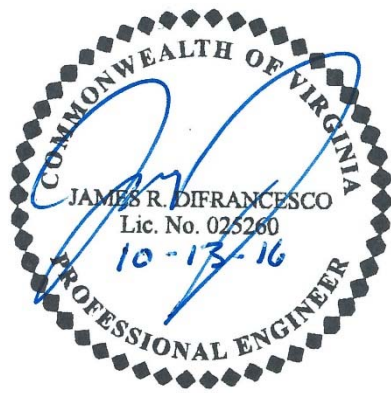
The use of the word "certification" and/or "certify" in this document shall be interpreted and construed as a Statement of Professional Opinion, and is not and shall not be interpreted or construed as a guarantee, warranty, or legal opinion.

James R. DiFrancesco, P.E.
Print Name

Principal and Practice Leader
Title


Signature

10/13/2016
Date



2.0 INTRODUCTION

This Liner Documentation was prepared for the Bremo Power Station's (Station) existing Coal Combustion Residuals (CCR) surface impoundment known as the North Ash Pond (NAP) and prepared in accordance with 40 CFR Part §257, Subpart D and is consistent with the requirements of 40 CFR §257.71.

The Station, owned and operated by Virginia Electric and Power Company d/b/a Dominion Virginia Power (Dominion), is located in Fluvanna County at 1038 Bremo Road, east of Route 15 (James Madison Highway) and north of the James River. The Station includes an existing CCR surface impoundment, the NAP, as defined by the Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule (40 CFR §257; the CCR rule).

3.0 PURPOSE

Pursuant to 40 CFR §257.71(b), a professional engineer certification is required for *Liner Design Criteria for Existing Coal Combustion Residuals (CCR) Surface Impoundments*, regarding the liner design of the NAP at the Bremo Power Station.

4.0 CONCLUSIONS

It is Golder's opinion, based upon a review of available information, that the NAP is considered to be an existing unlined CCR surface impoundment as that term is defined in 40 CFR §257.71(a)(3)(i). Specifically, the NAP is not constructed with a liner that meets the requirements of 40 CFR §257.71(a)(1)(i), (ii), or (iii). Therefore, the NAP is subject to the closure or retrofit requirements of 40 CFR §257.101(a).

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Africa	+ 27 11 254 4800
Asia	+ 852 2562 3658
Australasia	+ 61 3 8862 3500
Europe	+ 356 21 42 30 20
North America	+ 1 800 275 3281
South America	+ 56 2 2616 2000

solutions@golder.com
www.golder.com

Golder Associates Inc.
2108 W. Laburnum Avenue, Suite 200
Richmond, VA 23227 USA
Tel: (804) 358-7900
Fax: (804) 358-2900



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