



DEPARTMENT OF THE NAVY
NAVAL SUPPORT ACTIVITY SOUTH POTOMAC
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DAHLGREN, VIRGINIA 22448-5108

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SOLID WASTE PROGRAM

IN REPLY REFER TO

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Mr. Edward M. Dexter, Administrator
Solid Waste Program, Suite 605
Maryland Department of the Environment
1800 Washington Blvd
Baltimore, MD 21230-1719

Mr. Dexter:

Naval Support Facility Indian Head (NSFIH) is submitting the attached Coal Combustion Byproducts (CCB) Annual Generator Tonnage Report for Calendar Year 2016 as Enclosure (1). No CCBs were generated in CY2016, but 1,070 tons of fly ash was stored onsite until the fly ash was sent to the King George Landfill in October 2016. The fly ash was being stored in the Goddard Power Plant ash silo. Naval Support Facility Indian Head ceased burning coal as of February 28, 2015.

Please mail all correspondence to:

ATTN: Director of Environmental Division
Department of Navy
NAVFAC Washington, PWD South Potomac
3972 Ward Road, Suite 101
Indian Head, MD 20640-5157

If you have any questions or comments concerning this letter, please contact Mr. Daniel Carawan at (301) 744-2257 or daniel.carawan@navy.mil.

Sincerely,

JEFFREY C. BOSSART
By direction

Enclosure: (1) CCB Tonnage Report – 2016

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land Management Administration • Solid Waste Program
1800 Washington Boulevard • Suite 605 • Baltimore Maryland 21230-1719
410-537-3315 • 800-633-6101 x3315 • www.mde.maryland.gov

Coal Combustion Byproducts (CCBs) Annual Generator Tonnage Report Instructions for Calendar Year 2016

The following is general information relating to the requirement for reporting quantities of coal combustion byproducts (CCBs) that were managed in the State of Maryland during calendar year 2016. Please answer the questions on the form provided, attaching additional information and any requested supplemental information to the back of the form. Note that the form for this year requires both volume and weight of the CCBs produced. If you know one of these parameters but not the others, for example, you have the tonnage produced but not the volume, you may calculate the other parameter; however, please provide the calculations and assumptions that you used in your estimate. Questions can be directed to the Solid Waste Program at (410) 537-3315 or via email at ed.dexter@maryland.gov.

I. Background. This requirement that generators of CCBs submit an annual report was instituted in the Code of Maryland Regulations COMAR 26.04.10.08, that was promulgated effective December 1, 2008. The regulation requires that any non-residential generator of CCBs submit a report to the Department by March 1 of each year describing the manner in which CCBs generated within the State were managed during the preceding calendar year. Additional information and specific instructions follow. For more detailed information, please refer to COMAR 26.04.10.08.

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II. General Information and Applicability.

A. Definitions. CCBs are defined in COMAR 26.04.10.02B as:

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“(3) Coal Combustion Byproducts. (a) "Coal combustion byproducts" means the residue generated by or resulting from the burning of coal.

(b) "Coal combustion byproducts" includes fly ash, bottom ash, boiler slag, pozzolan, and other solid residuals removed by air pollution control devices from the flue gas and combustion chambers of coal burning furnaces and boilers, including flue gas desulfurization sludge and other solid residuals recovered from flue gas by wet or dry methods.”

A generator of CCBs is defined in COMAR 26.04.10.02B as:

“(9) Generator.

(a) "Generator" means a person whose operations, activities, processes, or actions create coal combustion byproducts.

(b) "Generator" does not include a person who only generates coal combustion byproducts by burning coal at a private residence.”

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B. Applicability. If you or your company meets the definition of a generator of CCBs as defined above, you must provide the information as required below. For the purposes of this report, “you” shall hereinafter refer to the generator defined above. Please note that COMAR 26.04.10.08 requires generators of CCBs to submit an annual report to the Department concerning the disposition of the CCBs that they generated the previous year. **THIS INCLUDES CCBs THAT WERE NOT SEPARATELY COLLECTED BUT WERE PRODUCED BY THE BURNING OF COAL AND WERE DIRECTLY CONTRIBUTED TO A PRODUCT, such as cement.** Where the amount cannot be directly measured, estimates based on the amount of coal burned can be used. The method of determining the volume of CCBs produced must be described.

III. Required Information. The following information must be provided to the Department by March 1, 2017:

A. Contact information:

Facility Name: Naval Support Activity Indian Head

Name of Permit Holder: Naval Support Activity South Potomac

Facility Address: 3972 Ward Rd, Suite 101
Street

Facility Address: Indian Head MD 20640
City State Zip

County: Charles

Contact Information (Person filing report or Environmental Manager)

Facility Telephone No.: 301-744-2257 Facility Fax No.: 301-744-4180

Contact Name: Daniel Carawan

Contact Title: Air Program Manager

Contact Address: 3972 Ward Rd, Suite 101
Street

Contact Address: Indian Head MD 20640
City State Zip

Contact Email: Daniel.carawan@navy.mil

Contact Telephone No.: 301-744-2257 Contact Fax No.: 301-744-4180

For questions on how to complete this form, please contact the Solid Waste Program at 410-537-3315

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B. A description of the process that generates the CCBs, including the type of coal or other raw material that generates the CCBs. If the space provided is insufficient, please attach additional pages:

No CCB's were generated in CY2016, but 1,070 tons of fly ash was stored onsite until the fly ash was sent to the King George Landfill in October 2016. The 1,070 tons of fly ash stored onsite was a byproduct of bituminous coal that burned years prior, and up to, February 2015 in one of three 206 MM BTU/hr ABB Combustion Engineering boilers at Goddard Power Plant, Building 873. These CCB's were consequently not moved off-site until October 2016 and went unreported in previous CCB Reports due to absence of pertinent records. Naval Support Facility Indian Head (NSFIH) ceased burning coal as of 02/29/2015. NSFIH is not expected to burn coal in the long term.

C. The volume and weight of CCBs generated during calendar year 2016, including an identification of the different types of CCBs generated and the volume of each type generated. If the space provided is insufficient, please attach additional pages in a similar format. If converting from volume to weight or weight to volume, please provide your calculations and assumptions.

Table I: Volume and Weight of CCBs Generated for Calendar Year 2016: Please note the change to this table from previous years, to include both the volume and weight of the types of CCBs your facility produces.

Volume and Weight of CCBs Generated for Calendar Year 2016			
Bituminous coal Type of CCB	Type of CCB	Type of CCB	Type of CCB
2,029			
Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards
1,070			
Weight of CCB, in Tons	Weight of CCB, in Tons	Weight of CCB, in Tons	Weight of CCB, in Tons

Additional notes:

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The numbers listed in Table I represent CCB's stored onsite in CY2016 in the Goddard Power Plant ash silo. Naval Support Facility Indian Head ceased burning coal as of 02/29/2015 and consequently, no new CCB's were generated in CY2016. In an effort to burn the remainder of bituminous coal on-site, Goddard Power Plant burned 357 tons of bituminous coal from January-February 2015. The remaining 1,005.28 tons of CCB reported for CY2016 are the result of coal being burned in years prior, and up to, February 2015 and consequently not moved off-site until October 2016. Goddard Power Plant continued operating until September 2015 by burning No. 6 fuel oil. The Plant was demolished in September 2016.

D. Descriptions of any modeling or risk assessments, or both, conducted relating to the CCBs or their use that were performed by you or your company during the reporting year. Please attach this information to the report.

E. Copies of all laboratory reports of all chemical characterizations of the CCBs. Please attach this information to the report.

F. A description of how you disposed of or used your CCBs in calendar year 2016, identifying:

(a) The types and volume of CCBs disposed of or used (if different than described in Paragraph C above) including any CCBs stored during the previous calendar year, the location of disposal, mine reclamation and use sites, and the type and volume of CCBs disposed of or used at each site:

All 64.72 tons of CCB generated in CY2015, along with the fly ash that was stored in the Goddard Power Plant ash silo (1,005.28 tons), were hauled and disposed of at the King George Landfill in King George County, VA in October 2016. Coal (bituminous) combustion ceased at NSFIH as of 2/29/2015. NSFIH is not expected to burn coal in the long term.

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and (b) The different uses by type and volume of CCBs:

N/A for CY2016

If the space provided is insufficient, please attach additional pages in a similar format.

G. A description of how you intend to dispose of or use CCBs in the next 5 years, identifying:

(a) The types and volume of CCBs intended to be disposed of or used, the location of intended disposal, mine reclamation and use sites, and the type and volume of CCBs intended to be disposed of or used at each site:

All 64.72 tons of CCB generated in CY2015, along with the fly ash that was stored in the Goddard Power Plant ash silo (1,005.28 tons), were hauled and disposed of at the King George Landfill in King George County, VA in October 2016. Coal (bituminous) combustion ceased at NSFIH as of 2/29/2015. NSFIH is not expected to burn coal in the long term.

and (b) The different intended uses by type and volume of CCBs.

N/A for CY2016

If the space provided is insufficient, please attach additional pages in a similar format.

