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west virginia department of environmental protection

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Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
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**MEMORANDUM**

**To:** Beverly McKeone  
**From:** William T. Rothwell II  
**Date:** April 7, 2015  
**Subject:** E.I. du Pont de Nemours and Company–Washington Works– Wood County, WV  
**ID #:** 107-00001  
**APP #:** PD15-032

**BACKGROUND INFORMATION:**

E.I. du Pont de Nemours and Company is proposing to replace their existing cartridge filter control devices [cooler/screeners 293-C-04A, 04B, 04C, 04D] due to the screeners exceeding their useful life. A direct replacement in kind is not available. The new screener will perform identical to the existing unit and meet current specifications. A new cyclone separator will replace the control device on the cooling air, will provide the same efficiency and will eliminate the need for cartridge filter replacement. This process is included in their existing Title V permit R30-10700001 Part 8 of 14 and R13-1533K. There are no emissions increases with the replacement.

**RECOMMENDATION:**

The emission rates are below the emission limits of six (6) lb/hr and ten (10) TPY; 2 lb/hr, or 5 TPY of HAPs set forth set forth in 45CSR13 - 2.17.a&b. Therefore, a permit is not required by this Division for the thermal cleaning oven replacement.

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William T. Rothwell II, P.E.  
Engineer

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Date