Draft 09/01/2009

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Name: William J. Kingston III

Description of item under review for fair use: Figure 1: Location Map of Coles Hill in Relation to Downstream Waterways and Drinking Water Intakes (Baker, 2011) Source: Baker Engineering (2011). A Preliminary Assessment of Potential Impacts of Uranium Mining in Virginia on Drinking Water Sources, Final Report. Virginia Beach, VA, p.2___;___ Figure 5: All-Season PMP Map (in.) for a 10 mi2 Drainage Area for a 6hr. Storm Duration (Schreiner & Riedel, 1978) Source: Schreiner, L. C., and Riedel, J. T. (1978). Hydrometeorological Report No. 51: Probable Maximum Precipitation Estimates, United States East of the 105th Meridian. Washington, D.C.: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, and U.S. Department of the Army - Corps of Engineers, p.48___;___ Figure 8: Physiographic Peak-Discharge Regions of Virginia (Bisese, 1995) Source: Bisese, J. A. (1995). Methods for Estimating the Magnitude and Frequency of Peak Discharges of Rural, Unregulated Streams in Virginia. Richmond, VA: U.S. Geological Survey, and Virginia Department of Transportation, p.7___;___ Figure 56: HMR52 Suggested Isohyetal PMP Storm Pattern (Hansen et al., 1982) Source: Hansen, E. M., Schreiner, L. C., and Miller, J. F. (1982). NOAA Hydrometeorological Report No. 52: Application of Probable Maximum Precipitation Estimates – United States East of the 105th Meridian. Washington, D.C.: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, and U.S. Department of the Army - Corps of Engineers, p.21___;___ Figure 59: HMR52 Suggested Orientations ± 40° (Hansen et al., 1982) Source: Hansen, E. M., Schreiner, L. C., and Miller, J. F. (1982). NOAA Hydrometeorological Report No. 52: Application of Probable Maximum Precipitation Estimates – United States East of the 105th Meridian. Washington, D.C.: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, and U.S. Department of the Army - Corps of Engineers, p.31___;___ Figure 60: Model for Determining Isohyetal Pattern Reduction Factor Based on Deviation from HMR52 Suggested Orientations (Hansen et al., 1982) Source: Hansen, E. M., Schreiner, L. C., and Miller, J. F. (1982). NOAA Hydrometeorological Report No. 52: Application of Probable Maximum Precipitation Estimates – United States East of the 105th Meridian. Washington, D.C.: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, and U.S. Department of the Army - Corps of Engineers, p.35___;___ Figure 61: HMR52 Example Computation Sheet Showing Typical Format (Hansen et al., 1982) Source: Hansen, E. M., Schreiner, L. C., and Miller, J. F. (1982). NOAA Hydrometeorological Report No. 52: Application of Probable Maximum Precipitation Estimates – United States East of the 105th Meridian. Washington, D.C.: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, and U.S. Department of the Army - Corps of Engineers, p.104___;___ Table 1: NEH Part 630, Ch. 10 CN Conversion Table (USDA NRCS, 2004) Source: U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) (2004). Part 630 Hydrology, National Engineering Handbook, Chapter 10: Estimation of Direct Runoff from Storm Rainfall. 210-VI-NEH, Washington, D.C., p. 10.6___;___ Table 2: Statistical Summary of Basin Characteristics Tested in Regional Regressions (Bisese, 1995) and Single-Parameter Regional Regression Equations for the Southern Piedmont Physiographic Province (Bisese, 1995) Source: Bisese, J. A. (1995). Methods for Estimating the Magnitude and Frequency of Peak Discharges of Rural, Unregulated Streams in Virginia. Richmond, VA: U.S. Geological Survey, and Virginia Department of Transportation, p.8 & 11___;___ Table 41: HMR52 Table 15a - 1st 6-hr Nomogram Values at Selected Area Sizes (Hansen et al., 1982) Source: Hansen, E. M., Schreiner, L. C., and Miller, J. F. (1982). NOAA Hydrometeorological Report No. 52: Application of Probable Maximum Precipitation Estimates – United States East of the 105th Meridian. Washington, D.C.: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, and U.S. Department of the Army - Corps of Engineers, p.59

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