

**TODD B. MORGAN**  
*Legislative District 29C*  
Calvert and St. Mary's Counties

Environment and Transportation  
Committee



The Maryland House of Delegates  
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**THE MARYLAND HOUSE OF DELEGATES**  
ANNAPOLIS, MARYLAND 21401

**HB680 - Environment – Delegate Todd B. Morgan**  
**Nuclear Power Plants - Emergency Preparedness**  
**(Radiation and Emergency Preparedness and Protection Act)**  
**Economic Matters Committee – February 29, 2024**

Chair Wilson, Vice-Chair Crosby, and Esteemed Members of the Economic Matters Committee:

HB680 – Radiation and Emergency Preparedness and Protection Act codifies and updates procedures that have been in place between the Maryland Department of Environment (MDE), the Maryland Department of Emergency Management (MDEM) and Constellation Energy.

The Maryland Department of Environment has a Radiation Emergency Response Program that is funded by the owners of the nuclear power plants which are within a 10-mile radius of a Maryland county/community. Constellation Energy is the only plant owner that fits this criterion. The costs of the program include emergency preparedness and radiological equipment, supplies, trainings, and staffing. Constellation Energy has been funding for this program through signed MOUs with the state. The most recent agreement expired in May of 2023, but is expected to cover costs through FY'24. The bill formalizes the funding for the program and designates the locations where the money will be used.

The bill affects two nuclear plants: Peachbottom in Pennsylvania, about 2.5 miles from the Maryland border, and Calvert Cliff's in Calvert County, Maryland. Constellation Nuclear is the owner of both of these plants. According to the bill, Constellation will contribute \$600,000 for the program operational costs (MDE) and \$120,000 for the radiological emergency response (MDEM).

The fund will only be used for designated activities by MDE and MDEM. It is a non-lapsing, special fund and does not replace appropriated state funding. All interest is to be returned to the fund for program use.

MDE and Constellation worked in conjunction with my office to draft this bill and all are comfortable with the proposed language.

Thank you for your consideration. I ask the committee for a favorable report on HB680.