



Bureau of Forestry

January 8, 2007

Ms. Alicia Mullins
Environmental Branch B
Division of License Renewal
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

<i>Pennsylvania Natural Diversity Inventory Review, PNDI Number 19031</i>
Susquehanna Steam Electric Station Units 1 & 2 License Renewal
Salem Twp.; Luzerne County

Dear Ms. Mullins,

This responds to your request for information on species of special concern within the area under evaluation for this project. We screened this project for potential impacts to species and resources of special concern under the Department of Conservation and Natural Resources' responsibility, which includes plants, natural communities, terrestrial invertebrates and geologic features only.

PNDI records indicate that species and communities of special concern under DCNR's jurisdiction are known to occur in the vicinity of the above-mentioned project. Please see the attached list for species found in the project area. If any earth disturbance is planned or more detailed project information becomes available, please submit this project to our office for further review of potential impacts to the attached species list.

Scientific Name	Common Name	Global Rank	State Rank
<i>Enodia anthedon</i>	Northern Peary-eye	G5 (secure)	S3S4 (vulnerable to apparently secure)
<i>Polites mystic</i>	Long Dash	G5 (secure)	S3 (vulnerable)
<i>Poanes massasoit</i>	Mulberry Wing	G4 (apparently secure)	S3 (vulnerable)
<i>Speyeria aphrodite</i>	Aphrodite Fritillary	G5 (secure)	S3S4 (vulnerable to apparently secure)
<i>Euphydryas phaeton</i>	Baltimore Checkerspot	G4 (apparently secure)	S3S4 (vulnerable to apparently secure)

These species are utilizing the area east of the plant, near Rt. 11, although they may be found elsewhere onsite as well. If you are inclined to enhance habitat for these species, the following plants are preferred hosts: willows, poplars, milkweed, mountain laurel, bluegrasses, upright sedge, flower nectar, violets, and turtlehead.

This response represents the most up-to-date summary of the PNDI data files and is good for one (1) year from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on-site. A field survey of any site may reveal previously unreported populations. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

This finding applies to impacts to plants, natural communities, terrestrial invertebrates and geologic features only. To complete your review of state and federally-listed species of special concern, please be sure the U.S. Fish and Wildlife Service, the PA Game Commission and the Fish and Boat Commission has been contacted regarding this project either directly or by performing a search with the online PNDI ER Tool found at www.naturalheritage.state.pa.us.

Rebecca H. Bowen

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