

November 21<sup>st</sup>, 2025

Jonathan Chripczuk  
Pennsylvania Department of Environmental Protection  
Water Quality Specialist Supervisor  
Waterways & Wetlands Program  
Southcentral Regional Office  
909 Elmerton Avenue  
Harrisburg, PA 17110

**Christopher M. Crane Clean Energy Center  
NPDES Permit PA 0009920  
Clean Water Act Section 401 – Request for Water Quality Certification or Waiver**

Dear Mr. Chripczuk:

Pursuant to the Clean Water Act (CWA) Section 401 and in connection with the proposed restart of Christopher M. Crane Clean Energy Center (CCEC) (formerly Three Mile Island Unit 1), Constellation Energy Generation, LLC (CEG) hereby submits a request for a Section 401 Water Quality Certificate, or other appropriate documentation, such as a waiver.

Enclosed in support of the request for the Section 401 Water Quality Certificate or waiver are (1) General Information Form, (2) the Pennsylvania Department of Environmental Protection (PADEP) Chapter 105 Fee Calculation Worksheet, (3) Environmental Assessment Form, (4) CCEC Section 401 CWA Crosswalk, and (5) the 1977 Section 401 State Water Quality Certification.

By letter dated October 31, 2025, CEG submitted an Environmental Report to the U.S. Nuclear Regulatory Commission (NRC) for the proposed restart of CCEC under ML25303A292. Enclosure A of the CCEC Section 401 CWA Crosswalk provides the Environmental Report for the proposed restart. In March 2025, CEG submitted an Application for Renewal of NPDES Permit No. PA 0009920 to the PADEP, which incorporates the proposed restart of CCEC and is included as Enclosure C of the CCEC Section 401 CWA Crosswalk. Enclosure B of the CCEC Section 401 CWA Crosswalk includes the Susquehanna River Basin Commission (SRBC) docket application submitted by CEG in August 2025. The Commonwealth of Pennsylvania issued a Section 401 State Water Quality Certification for the Three Mile Island Nuclear Station on November 9, 1977, which is included as Attachment 4 to this letter.

Please contact Allison Stalker, Principal Environmental Specialist, at Allison.Stalker@constellation.com or (267-533-5338), if you have any questions about this submittal.

Sincerely,

A handwritten signature in black ink, appearing to read "Trevor L. Orth". The signature is fluid and cursive, with the first name "Trevor" being more legible than the last name "Orth".

Trevor L. Orth, Plant Manager  
Christopher M. Crane Clean Energy Center

Cc:

Zigmund Karpa, Director Environmental Programs  
Craig Smith, Regulatory Assurance Manager

Attachments (6):

1. PADEP General Information Form
2. PADEP Chapter 105 Fee Calculation Worksheet
3. County and Township Municipal Notifications
4. 1977 Section 401 State Water Quality Certification
5. PADEP Chapter 105 Environmental Assessment Form
6. Christopher M. Crane Clean Energy Center, CCEC Section 401 CWA Crosswalk



## GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

| Related ID#s (If Known) |        | DEP USE ONLY                  |
|-------------------------|--------|-------------------------------|
| Client ID#              | 147686 | Date Received & General Notes |
| Site ID#                | 450833 |                               |
| Facility ID#            | 590282 |                               |
| APS ID#                 |        |                               |
| Auth ID#                |        |                               |

### CLIENT INFORMATION

|   |  |                        |   |
|---|--|------------------------|---|
| DEP Client ID#  | Client Type/Code   | Dun & Bradstreet ID#   |   |
| 147686  | LLC  | 196748938              |   |
| Legal Organization Name or Registered Fictitious Name     |  | Employer ID# (EIN)     | Is the EIN a SSN?   |
| Constellation Energy Generation, LLC                      |  | 23-3064219             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| State of Incorporation or Registration of Fictitious Name | <input type="checkbox"/> Corporation <input checked="" type="checkbox"/> LLC <input type="checkbox"/> Partnership <input type="checkbox"/> LLP <input type="checkbox"/> LP<br><input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Association/Organization<br><input type="checkbox"/> Estate/Trust <input type="checkbox"/> Other |                        |   |
| PA  |  |                        |   |
| Individual Last Name                                      | First Name   | MI                     | Suffix  |
|   |  |                        |   |
| Additional Individual Last Name                           | First Name   | MI                     | Suffix  |
|   |  |                        |   |
| Mailing Address Line 1                                    |  | Mailing Address Line 2 |   |
| 2625 River Road   |  |                        |   |
| Address Last Line – City                                  | State  | ZIP+4                  | Country   |
| Middletown  | PA   | 17057-0480             | USA   |
| Client Contact Last Name                                  | First Name   | MI                     | Suffix  |
| Musser  | Debra  |                        |   |
| Client Contact Title                                      | Phone  | Ext                    | Cell Phone  |
| Manager Environmental Programs                            | 267-533-7308   |                        |   |
| Email Address   | FAX  |                        |   |
| Debra.Musser@constellation.com                            |  |                        |   |

### SITE INFORMATION

|                                   |   |                          |                          |                                     |       |
|-----------------------------------|---|--------------------------|--------------------------|-------------------------------------|-------|
| DEP Site ID#                      | Site Name   |                          |                          |                                     |       |
| 450833                            | Christopher M. Crane Clean Energy Center (CCEC)     |                          |                          |                                     |       |
| EPA ID#                           | Estimated Number of Employees to be Present at Site |                          |                          |                                     |       |
| PAR000037861                      | 650+  |                          |                          |                                     |       |
| Description of Site               |   |                          |                          |                                     |       |
| Nuclear Steam Electric Generation |   |                          |                          |                                     |       |
| Tax Parcel ID(s):                 |   |                          |                          |                                     |       |
| County Name(s)                    | Municipality(ies)                                   | City                     | Boro                     | Twp                                 | State |
| Dauphin                           | Londonderry   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |       |
|                                   |   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |       |
|                                   |   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |       |

|  |                             |  |  |  |
|--|-----------------------------|--|--|--|
|  | <input type="checkbox"/>    | <input type="checkbox"/>   | <input type="checkbox"/>                               |  |
| <b>Site Location Line 1</b><br>2625 River Road   | <b>Site Location Line 2</b> |  |  |  |
| <b>Site Location Last Line – City</b><br>Middletown  | <b>State</b><br>PA          | <b>ZIP+4</b><br>17057-0480                                       |  |  |
| <b>Detailed Written Directions to Site</b><br>South of Middletown, PA. South off Route 441 to North Bridge Access Road on right. |                             |  |  |  |
| <b>Site Contact Last Name</b><br>Musser  | <b>First Name</b><br>Debra  | <b>MI</b>  | <b>Suffix</b>  |  |
| <b>Site Contact Title</b><br>Manager Environmental Programs  |                             | <b>Site Contact Firm</b><br>Constellation Energy Generation, LLC |  |  |
| <b>Mailing Address Line 1</b><br>2625 River Road   |                             | <b>Mailing Address Line 2</b>                                    |  |  |
| <b>Mailing Address Last Line – City</b><br>Middletown  |                             | <b>State</b><br>PA   | <b>ZIP+4</b><br>17057-0480                             |  |
| <b>Phone</b><br>267-533-7308   | <b>Ext</b>                  | <b>FAX</b>   | <b>Email Address</b><br>Debra.Musser@constellation.com |  |
| <b>NAICS Codes</b> (Two- & Three-Digit Codes – List All That Apply)<br>221   |                             |  | <b>6-Digit Code</b> (Optional)<br>221113               |  |
| <b>Client to Site Relationship</b><br>OWNOP  |                             |  |  |  |

### FACILITY INFORMATION

| Modification of Existing Facility   |   | Yes  | No                                  |
|---|---|--|-------------------------------------|
| 1.  | Will this project modify an existing facility, system, or activity?                 | <input type="checkbox"/>   | <input checked="" type="checkbox"/> |
| 2.  | Will this project involve an addition to an existing facility, system, or activity? | <input type="checkbox"/>   | <input checked="" type="checkbox"/> |
| <i>If “Yes”, check all relevant facility types and provide DEP facility identification numbers below.</i> |   |  |                                     |
| Facility Type   | DEP Fac ID#   | Facility Type  | DEP Fac ID#                         |
| <input type="checkbox"/> Air Emission Plant   | _____   | <input type="checkbox"/> Industrial Minerals Mining Operation                      | _____                               |
| <input type="checkbox"/> Beneficial Use (water)   | _____   | <input type="checkbox"/> Laboratory Location                                       | _____                               |
| <input type="checkbox"/> Blasting Operation   | _____   | <input type="checkbox"/> Land Recycling Cleanup Location                           | _____                               |
| <input type="checkbox"/> Captive Hazardous Waste Operation  | _____   | <input type="checkbox"/> Mine Drainage Treatment / Land Recycling Project Location | _____                               |
| <input type="checkbox"/> Coal Ash Beneficial Use Operation  | _____   | <input type="checkbox"/> Municipal Waste Operation                                 | _____                               |
| <input type="checkbox"/> Coal Mining Operation  | _____   | <input type="checkbox"/> Oil & Gas Encroachment Location                           | _____                               |
| <input type="checkbox"/> Coal Pillar Location   | _____   | <input type="checkbox"/> Oil & Gas Location  | _____                               |
| <input type="checkbox"/> Commercial Hazardous Waste Operation   | _____   | <input type="checkbox"/> Oil & Gas Water Poll Control Facility                     | _____                               |
| <input type="checkbox"/> Dam Location   | _____   | <input type="checkbox"/> Public Water Supply System                                | _____                               |
| <input type="checkbox"/> Deep Mine Safety Operation -Anthracite   | _____   | <input type="checkbox"/> Radiation Facility  | _____                               |
| <input type="checkbox"/> Deep Mine Safety Operation -Bituminous   | _____   | <input type="checkbox"/> Residual Waste Operation                                  | _____                               |
| <input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals   | _____   | <input type="checkbox"/> Storage Tank Location                                     | _____                               |
| <input type="checkbox"/> Encroachment Location (water, wetland)   | _____   | <input type="checkbox"/> Water Pollution Control Facility                          | _____                               |
| <input type="checkbox"/> Erosion & Sediment Control Facility  | _____   | <input type="checkbox"/> Water Resource  | _____                               |
| <input type="checkbox"/> Explosive Storage Location   | _____   | <input type="checkbox"/> Other:  | _____                               |

| Latitude/Longitude<br>Point of Origin                     | Latitude   |          |         | Longitude     |         |            |
|---|--|----------|---------|---------------|---------|------------|
|   | Degrees  | Minutes  | Seconds | Degrees       | Minutes | Seconds    |
| DSN 001   | 40   | 9        | 8       | -76           | 43      | 40         |
| Horizontal Accuracy Measure                               | Feet   | N/A      | --or--  | Meters        | N/A     |            |
| Horizontal Reference Datum Code                           | <input type="checkbox"/> North American Datum of 1927<br><input type="checkbox"/> North American Datum of 1983<br><input type="checkbox"/> World Geodetic System of 1984 |          |         |               |         |            |
| Horizontal Collection Method Code                         | N/A  |          |         |               |         |            |
| Reference Point Code                                      | N/A  |          |         |               |         |            |
| Altitude  | Feet   | N/A      | --or--  | Meters        | N/A     |            |
| Altitude Datum Name                                       | <input type="checkbox"/> The National Geodetic Vertical Datum of 1929<br><input type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)                     |          |         |               |         |            |
| Altitude (Vertical) Location Datum Collection Method Code | N/A  |          |         |               |         |            |
| Geometric Type Code                                       | N/A  |          |         |               |         |            |
| Data Collection Date                                      | N/A  |          |         |               |         |            |
| Source Map Scale Number                                   | N/A  | Inch(es) | =       | N/A           | Feet    |            |
|   | --or--   | N/A      |         | Centimeter(s) | =       | N/A Meters |

### PROJECT INFORMATION

#### Project Name

Christopher M. Crane Clean Energy Center (CCEC) Restart

#### Project Description

Request for a Clean Water Act Section 401 Water Quality Certificate in connection with the proposed restart to restore CCEC (formerly TMI-1) to pre-shutdown conditions.

| Project Consultant Last Name | First Name             | MI    | Suffix        |
|------------------------------|------------------------|-------|---------------|
|                              |                        |       |               |
| Project Consultant Title     | Consulting Firm        |       |               |
|                              |                        |       |               |
| Mailing Address Line 1       | Mailing Address Line 2 |       |               |
|                              |                        |       |               |
| Address Last Line – City     | State                  | ZIP+4 |               |
|                              |                        |       |               |
| Phone                        | Ext                    | FAX   | Email Address |
|                              |                        |       |               |

| Time Schedules | Project Milestone (Optional)   |
|----------------|--|
| September 2024 | CEG announced its intention to restore CCEC to commercial service. CEG provided the NRC with regulatory path to reauthorize power operations and a request for exemption from 10 CFR 50.82(a)(2) |
| March 2025     | NPDES permit renewal application submitted to PA DEP   |
| August 2025    | SRBC docket renewal with modification submitted  |
| October 2025   | CEG submits license amendment requests and environmental report (ER) to NRC  |
|                |  |
|                |  |

1. Is the project located in or within a 0.5-mile ☒ Yes ☐ No  
**radius of an Environmental Justice community as defined by DEP?**

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use [the online PennEnviroScreen tool](#). To see specific EJ areas, select the appropriate year of your submittal from the themes box on the right.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☐ Yes ☒ No

Method of notification: \_\_\_\_\_

3. Have you addressed community concerns that were identified? ☐ Yes ☐ No ☒ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

NRC held a public meeting on August 6, 2025, for the CCEC potential restart and provided links to the Crane Public Webpage and an NRC email address to submit questions

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

**Note:** If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant

Grant Source: \_\_\_\_\_

Grant Contact Person: \_\_\_\_\_

Grant Expiration Date: \_\_\_\_\_

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☐ Yes ☒ No

**Note:** If "No" to Question 5, [the application is not subject to the Land Use Policy](#).

If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

### LAND USE INFORMATION

**Note:** Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1. Is there an adopted county or multi-county comprehensive plan? ☐ Yes ☐ No
2. Is there a county stormwater management plan? ☐ Yes ☐ No
3. Is there an adopted municipal or multi-municipal comprehensive plan? ☐ Yes ☐ No
4. Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance? ☐ Yes ☐ No

**Note:** If the Applicant answers "No" to either Questions 1, 3 or 4, [the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below](#).

If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

5. Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval? If zoning approval has been received, attach documentation. ☐ Yes ☐ No
6. Have you attached Municipal and County Land Use Letters for the project? ☐ Yes ☐ No

**NOTE:** No major demolition activities are anticipated and no new construction on undeveloped land is planned. Any new construction, if needed, is expected to be on previously disturbed land and is expected to follow existing site procedures and environmental screening processes.

## COORDINATION INFORMATION

**Note:** The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 [at PHMC's online portal, PA-SHARE](#).

**If the activity will be a mining project** (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

**If the activity will not be a mining project**, skip questions 1.0 through 2.5 and begin with question 3.0.

|            |  |                          |     |                                     |    |
|------------|--|--------------------------|-----|-------------------------------------|----|
| <b>1.0</b> | <b>Is this a coal mining project?</b> If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.   | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
| <b>1.1</b> | <b>Will this coal mining project involve coal preparation/processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?</b>  | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>1.2</b> | <b>Will this coal mining project involve coal preparation/processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?</b>  | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>1.3</b> | <b>Will this coal mining project involve coal preparation/processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?</b>  | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>1.4</b> | <b>For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?</b>   | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>1.5</b> | <b>Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?</b> | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>1.6</b> | <b>Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?</b>  | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>2.0</b> | <b>Is this a non-coal (industrial minerals) mining project?</b> If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.   | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
| <b>2.1</b> | <b>Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?</b>   | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>2.2</b> | <b>Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?</b>   | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>2.3</b> | <b>Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?</b>  | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| <b>2.4</b> | <b>For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?</b>   | <input type="checkbox"/> | Yes | <input type="checkbox"/>            | No |

|       |   |                                     |     |                                     |    |
|-------|---|-------------------------------------|-----|-------------------------------------|----|
| 2.5   | Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet? | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 3.0   | Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well? If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.   | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 3.1   | Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?  | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 3.2   | Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system? If "Yes", discuss in <i>Project Description</i> .   | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 3.3   | Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?   | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 4.0   | Will the project involve a construction activity that results in earth disturbance? If "Yes", specify the total disturbed acreage.  | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| 4.0.1 | Total Disturbed Acreage   | Enclosure A                         |     |                                     |    |
| 4.0.2 | Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?  | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 4.0.3 | Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?   | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 5.0   | Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?<br>If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.   | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 5.1   | Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?   | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 5.2   | Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?  | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |

|  |   |                                     |     |                                     |    |
|--|---|-------------------------------------|-----|-------------------------------------|----|
| 5.3  | <b>Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?</b>   | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 5.4  | <b>Is your project an interstate transmission natural gas pipeline?</b>   | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 5.5  | <b>Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?</b>   | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 5.6  | <b>Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?</b>  | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 5.7  | <b>Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?</b>   | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 6.0  | <b>Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?</b>  | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 6.1  | <b>Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?</b>   | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| 7.0  | <b>Will the project involve the construction and operation of industrial waste treatment facilities?</b>  | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 8.0  | <b>Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations? If “Yes”, indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the <i>Project Description</i>, where applicable.</b> | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| <b>8.0.1 Estimated Proposed Flow (gal/day)</b> |   |                                     |     |                                     |    |
| 9.0  | <b>Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?</b>                       | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 9.0.1  | <b>Was Act 537 sewage facilities planning submitted and approved by DEP? If “Yes” attach the approval letter. Approval required prior to 105/NPDES approval.</b>  | <input type="checkbox"/>            | Yes | <input type="checkbox"/>            | No |
| 10.0   | <b>Is this project for the beneficial use of biosolids for land application within Pennsylvania? If “Yes” indicate how much (i.e. gallons or dry tons per year).</b>  | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 10.0.1   | <b>Gallons Per Year (residential septage)</b>   |                                     |     |                                     |    |
| 10.0.2   | <b>Dry Tons Per Year (biosolids)</b>  |                                     |     |                                     |    |

|               |  |   |  |
|---------------|--|---|--|
| <b>11.0</b>   | <b>Does the project involve construction, modification or removal of a dam?</b> If "Yes", identify the dam.  | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No |
| <b>11.0.1</b> | <b>Dam Name</b>  |   |  |
| <b>12.0</b>   | <b>Will the project interfere with the flow from, or otherwise impact, a dam?</b> If "Yes", identify the dam.  | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No |
| <b>12.0.1</b> | <b>Dam Name</b>  |   |  |
| <b>13.0</b>   | <b>Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?</b>   | <input checked="" type="checkbox"/> Yes   | <input type="checkbox"/> No            |
| <b>13.0.1</b> | If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?  | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No |
| <b>13.0.2</b> | If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.<br><b>Enter all types &amp; amounts of emissions;</b> Enclosure A<br>separate each set with semicolons.       |   |  |
| <b>14.0</b>   | <b>Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?</b> If "Yes," check all proposed sub-facilities. | <input checked="" type="checkbox"/> Yes   | <input type="checkbox"/> No            |
| <b>14.0.1</b> | <b>Number of Persons Served</b>  | Currently 475, will need to increase to 600 by restart  |  |
| <b>14.0.2</b> | <b>Number of Employee/Guests</b>   | Currently 475, will need to increase to 600 by restart  |  |
| <b>14.0.3</b> | <b>Number of Connections</b>   | There are 26 connections. Note: The current drinking water system exceeded the Maximum Contaminant Level (MCL) for perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA). CEG has entered into a consent agreement with the PADEP and will install a greensand filter to remove manganese and iron from the water before the PFAS treatment system and a non-backwashing Granular Activated Carbon (GAC) system to remove PFAS from the water. |  |
| <b>14.0.4</b> | <b>Sub-Fac: Distribution System</b>  | <input type="checkbox"/> Yes  | <input type="checkbox"/> No            |
| <b>14.0.5</b> | <b>Sub-Fac: Water Treatment Plant</b>  | <input checked="" type="checkbox"/> Yes   | <input type="checkbox"/> No            |
| <b>14.0.6</b> | <b>Sub-Fac: Source</b>   | <input type="checkbox"/> Yes  | <input type="checkbox"/> No            |
| <b>14.0.7</b> | <b>Sub-Fac: Pump Station</b>   | <input type="checkbox"/> Yes  | <input type="checkbox"/> No            |
| <b>14.0.8</b> | <b>Sub-Fac: Transmission Main</b>  | <input type="checkbox"/> Yes  | <input type="checkbox"/> No            |
| <b>14.0.9</b> | <b>Sub-Fac: Storage Facility</b>   | <input type="checkbox"/> Yes  | <input type="checkbox"/> No            |
| <b>15.0</b>   | <b>Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?</b>  | <input checked="" type="checkbox"/> Yes   | <input type="checkbox"/> No            |
| <b>16.0</b>   | <b>Is your project to be served by an existing public water supply?</b> If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.  | <input checked="" type="checkbox"/> Yes   | <input type="checkbox"/> No            |
| <b>16.0.1</b> | <b>Supplier's Name</b>   | Consetellation-owned Public Water System PWS ID 722-0917  |  |
| <b>16.0.2</b> | <b>Letter of Approval from Supplier is Attached</b>  | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No |

|  |   |                                     |     |                                     |    |
|--|---|-------------------------------------|-----|-------------------------------------|----|
| 17.0   | Will this project be served by on-lot drinking water wells?   | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 18.0   | Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)? If "Yes," reference Safe Drinking Water Program.   | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| 18.0.1   | Source Name   | Susquehanna River, Enclosure B      |     |                                     |    |
| 19.0   | Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste? If "Yes," indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.  | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| 19.0.1   | Type & Amount   | Enclosure A                         |     |                                     |    |
| 20.0   | Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?  | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 21.0   | Does your project involve installation of a field constructed underground storage tank? If "Yes," list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit.   | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| 21.0.1   | Enter all substances & capacity of each; separate each set with semicolons.   | Enclosure A                         |     |                                     |    |
| 22.0   | Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility? If "Yes," list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit.   | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 22.0.1   | Enter all substances & capacity of each; separate each set with semicolons.   |                                     |     |                                     |    |
| 23.0   | Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724? If "Yes," list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit. | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 23.0.1   | Enter all substances & capacity of each; separate each set with semicolons.   |                                     |     |                                     |    |
| 24.0   | Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons? If "Yes", list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit.   | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| 24.0.1   | Enter all substances & capacity of each; separate each set with semicolons.   |                                     |     |                                     |    |
| <b>NOTE:</b> If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to <a href="http://www.dep.pa.gov">www.dep.pa.gov</a> search term storage tanks |   |                                     |     |                                     |    |
| 25.0   | Will the intended activity involve the use of a radiation source?   | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |

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## CERTIFICATION

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I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Trevor L Orth



Signature

Plant Manager

Title

11/21/25

Date

**PART ONE: WATER OBSTRUCTIONS AND ENCROACHMENTS****SECTION A. APPLICATION FEES**☐ **WATER OBSTRUCTION AND ENCROACHMENT PERMIT** (Joint Permit Application)

Some activities or structures within a project may also qualify for an accumulation of General Permit fees, please mark the box above indicating an Individual Water Obstruction and Encroachment Permit AND the corresponding fee(s) in the General Permit section below those. Activities or structures not qualifying for a General Permit fee must include a disturbance fee.

|   |                         |          |   |             |
|---|-------------------------|----------|---|-------------|
| <input type="checkbox"/> Administrative Filing Fee <sup>1</sup> ..... |                         | \$ 1,750 | + |             |
| <input type="checkbox"/> Temporary Disturbance (\$400/0.1ac) .....    | _____ acres x \$4,000 = | \$ _____ | + |             |
| <input type="checkbox"/> Permanent Disturbance (\$800/0.1ac) .....    | _____ acres x \$8,000 = | \$ _____ |   | = \$ _____  |
| <b>WO&amp;E FEE subtotal (a)</b>                                      |                         |          |   | <b>\$ 0</b> |

☐ **GENERAL PERMIT(S)** (select activity/structure(s) below, see page 4 for “#” explanation)

Some activities or structures within a project requiring an Individual Water Obstruction and Encroachment Permit may qualify for an accumulation of General Permit fees, please mark the corresponding fee(s) below but not the box above indicating a General Permit.

|                                |  |                         |          |            |
|--------------------------------|--|-------------------------|----------|------------|
| <input type="checkbox"/> GP-1  | Fish Habitat Enhancement Structures .....  |                         | \$ 50    | = \$ _____ |
| <input type="checkbox"/> GP-2  | Small Docks and Boat Launching Ramps.....  | _____ (#) X             | \$ 175   | = \$ _____ |
| <input type="checkbox"/> GP-3  | Bank Rehabilitation, Bank Protection and<br>Gravel Bar Removal.....  | _____ (#) X             | \$ 250   | = \$ _____ |
| <input type="checkbox"/> GP-4  | Intake and Outfall Structures .....  | _____ (#) X             | \$ 200   | = \$ _____ |
| <input type="checkbox"/> GP-5  | Utility Line Stream Crossings <sup>2</sup> .....   | _____ (#) X _____ (#) X | \$ 250   | = \$ _____ |
| <input type="checkbox"/> GP-6  | Agricultural Crossings and Ramps.....  | _____ (#) X             | \$ 50    | = \$ _____ |
| <input type="checkbox"/> GP-7  | Minor Road Crossings <sup>2</sup> .....  | _____ (#) X             | \$ 350   | = \$ _____ |
| <input type="checkbox"/> GP-8  | Temporary Road Crossings <sup>2</sup> .....  | _____ (#) X             | \$ 175   | = \$ _____ |
| <input type="checkbox"/> GP-9  | Agricultural Activities .....  |                         | \$ 50    | = \$ _____ |
| <input type="checkbox"/> GP-10 | Abandoned Mine Reclamation .....   |                         | \$ 500   | = \$ _____ |
| <input type="checkbox"/> GP-11 | Maintenance, Testing, Repair, Rehabilitation, or<br>Replacement of Water Obstructions and Encroachments <sup>1</sup> ..... |                         | \$ 750   | +          |
| <input type="checkbox"/>       | Temporary Disturbance (\$400/0.1ac).....   | _____ acres x \$4,000 = | \$ _____ | +          |
| <input type="checkbox"/>       | Permanent Disturbance (\$800/0.1ac).....   | _____ acres x \$8,000 = | \$ _____ | = \$ _____ |
| <input type="checkbox"/> GP-15 | Private Residential Construction in Wetlands <sup>1</sup> .....  |                         | \$ 750   | +          |
| <input type="checkbox"/>       | Temporary Disturbance (\$400/0.1ac).....   | _____ acres x \$4,000 = | \$ _____ | +          |
| <input type="checkbox"/>       | Permanent Disturbance (\$800/0.1ac).....   | _____ acres x \$8,000 = | \$ _____ | = \$ _____ |

**PART ONE: SECTION A. APPLICATION FEE(S) subtotal (a+b=c)****\$ 0****SECTION B. OTHER FEES**

|  |                         |          |   |            |
|--|-------------------------|----------|---|------------|
| <input checked="" type="checkbox"/> Environmental Assessment for Waived Activities (§105.13(c)(2)(iv)) ..... |                         | \$ 500   |   | \$ 500     |
| <input type="checkbox"/> Amendment to Water Obstruction and Encroachment Permit                              |                         |          |   |            |
| <input type="checkbox"/> Major Amendment <sup>1</sup> .....  |                         | \$ 500   | + |            |
| <input type="checkbox"/> Temporary Disturbance .....   | _____ acres x \$4,000 = | \$ _____ | + | \$ _____   |
| <input type="checkbox"/> Permanent Disturbance .....   | _____ acres x \$8,000 = | \$ _____ |   | = \$ _____ |
| <input type="checkbox"/> Minor Amendment .....   |                         | \$ 250   |   | \$ _____   |

Transfer of Water Obstruction and Encroachment Permit *does not require submission of this form;*  
see [Application for Transfer of Permit / Submerged Lands License Agreement \(3150-PM-BWEW-0016\)](#)

**PART ONE: SECTION B. OTHER FEE(S) subtotal (d)****\$ 500****PART ONE: FEE(S) TOTAL (c+d=e)****\$ 500****DEP USE ONLY**

FEE TOTAL: \_\_\_\_\_  
Correct Amount: \_\_\_\_\_  
Check Amount: \_\_\_\_\_

Permit / Authorization Number (s): \_\_\_\_\_  
Check #: \_\_\_\_\_  
Payable to: \_\_\_\_\_

**PART TWO: DAM SAFETY (USE ONE FEE SHEET PER DAM)****SECTION A. APPLICATION FEES**☐ **DAM PERMIT APPLICATION – NEW DAM**

|                                 |  |  |  |  |          |
|---------------------------------|--|--|--|--|----------|
| <input type="checkbox"/> Size A | <input type="checkbox"/> Hazard 1 \$26,500 | <input type="checkbox"/> Hazard 2 \$26,500 | <input type="checkbox"/> Hazard 3 \$25,500 | <input type="checkbox"/> Hazard 4 \$23,500 | \$ _____ |
| <input type="checkbox"/> Size B | <input type="checkbox"/> Hazard 1 \$19,000 | <input type="checkbox"/> Hazard 2 \$19,000 | <input type="checkbox"/> Hazard 3 \$18,500 | <input type="checkbox"/> Hazard 4 \$17,000 | \$ _____ |
| <input type="checkbox"/> Size C | <input type="checkbox"/> Hazard 1 \$10,500 | <input type="checkbox"/> Hazard 2 \$10,500 | <input type="checkbox"/> Hazard 3 \$10,000 | <input type="checkbox"/> Hazard 4 \$ 8,000 | \$ _____ |

☐ **STAGED CONSTRUCTION**

NO. OF STAGES BEYOND INITIAL STAGE \_\_\_\_\_ X APPLICATION FEE \_\_\_\_\_ X 0.90 (90%) \$ \_\_\_\_\_

☐ **DAM PERMIT APPLICATION – MODIFICATION OF DAM**

|                                 |  |  |  |  |          |
|---------------------------------|--|--|--|--|----------|
| <input type="checkbox"/> Size A | <input type="checkbox"/> Hazard 1 \$18,500 | <input type="checkbox"/> Hazard 2 \$18,500 | <input type="checkbox"/> Hazard 3 \$18,500 | <input type="checkbox"/> Hazard 4 \$18,000 | \$ _____ |
| <input type="checkbox"/> Size B | <input type="checkbox"/> Hazard 1 \$12,000 | <input type="checkbox"/> Hazard 2 \$12,000 | <input type="checkbox"/> Hazard 3 \$12,000 | <input type="checkbox"/> Hazard 4 \$11,500 | \$ _____ |
| <input type="checkbox"/> Size C | <input type="checkbox"/> Hazard 1 \$ 7,500 | <input type="checkbox"/> Hazard 2 \$ 7,500 | <input type="checkbox"/> Hazard 3 \$ 7,500 | <input type="checkbox"/> Hazard 4 \$ 7,500 | \$ _____ |

☐ **STAGED CONSTRUCTION**

NO. OF STAGES BEYOND INITIAL STAGE \_\_\_\_\_ X APPLICATION FEE \_\_\_\_\_ X 0.85 (85%) \$ \_\_\_\_\_

☐ **DAM PERMIT APPLICATION – OPERATION & MAINTANANCE OF EXISTING DAM**

|                                 |  |  |  |  |          |
|---------------------------------|--|--|--|--|----------|
| <input type="checkbox"/> Size A | <input type="checkbox"/> Hazard 1 \$12,500 | <input type="checkbox"/> Hazard 2 \$12,500 | <input type="checkbox"/> Hazard 3 \$12,000 | <input type="checkbox"/> Hazard 4 \$10,000 | \$ _____ |
| <input type="checkbox"/> Size B | <input type="checkbox"/> Hazard 1 \$10,000 | <input type="checkbox"/> Hazard 2 \$10,000 | <input type="checkbox"/> Hazard 3 \$ 9,500 | <input type="checkbox"/> Hazard 4 \$ 8,500 | \$ _____ |
| <input type="checkbox"/> Size C | <input type="checkbox"/> Hazard 1 \$ 7,000 | <input type="checkbox"/> Hazard 2 \$ 7,000 | <input type="checkbox"/> Hazard 3 \$ 6,500 | <input type="checkbox"/> Hazard 4 \$ 6,000 | \$ _____ |

**PART TWO: SECTION A. APPLICATION FEE(S) subtotal (a)** \$ \_\_\_\_\_**SECTION B. OTHER FEES**☐ Letter of Amendment or Authorization☐ Major (≥\$250,000)

|  |  |  |          |
|--|--|--|----------|
| <input type="checkbox"/> Size A \$14,700 | <input type="checkbox"/> Size B \$ 8,700 | <input type="checkbox"/> Size C \$ 4,400 | \$ _____ |
|--|--|--|----------|

☐ Minor (<\$250,000)

|  |  |  |          |
|--|--|--|----------|
| <input type="checkbox"/> Size A \$ 1,300 | <input type="checkbox"/> Size B \$ 1,000 | <input type="checkbox"/> Size C \$ 650 | \$ _____ |
|--|--|--|----------|

☐ Major Dam Design Revision

|  |  |  |          |
|--|--|--|----------|
| <input type="checkbox"/> Size A \$ 4,700 | <input type="checkbox"/> Size B \$ 3,200 | <input type="checkbox"/> Size C \$ 1,700 | \$ _____ |
|--|--|--|----------|

☐ Environmental Assessment☐ Environmental Assessment for Dam Removal (§105.12(a)(16)) \$ 500 \$ \_\_\_\_\_☐ Non-Jurisdictional Dams \$ 900 \$ \_\_\_\_\_☐ Letter of Amendment or Authorization

|  |  |  |          |
|--|--|--|----------|
| <input type="checkbox"/> Size A \$ 1,400 | <input type="checkbox"/> Size B \$ 1,000 | <input type="checkbox"/> Size C \$ 900 | \$ _____ |
|--|--|--|----------|

☐ Transfer of Dam Permit

|  |  |          |
|--|--|----------|
| <input type="checkbox"/> No Proof of Financial Responsibility \$ 550 | <input type="checkbox"/> Proof of Financial Responsibility \$300 | \$ _____ |
|--|--|----------|

☐ Annual Registration

|  |  |  |          |
|--|--|--|----------|
| <input type="checkbox"/> Hazard 1 \$ 1,500 | <input type="checkbox"/> Hazard 2 \$ 1,500 | <input type="checkbox"/> Hazard 3 \$ 800 | \$ _____ |
|--|--|--|----------|

**PART TWO: SECTION B. OTHER FEE(S) subtotal (b)** \$ \_\_\_\_\_**PART TWO: FEE(S) TOTAL (a+b=c)** \$ 0**DEP USE ONLY**

|                       |  |
|-----------------------|--|
| FEE TOTAL: _____      | Permit / Authorization Number (s): _____ |
| Correct Amount: _____ | Check #: _____                           |
| Check amount: _____   | Payable to: _____                        |

November 18th, 2025

Mr. Robert Spandler, Chair  
Dauphin County Planning Commission  
320 Market Street, Suite 301E  
Harrisburg, PA 17101

**Christopher M. Crane Clean Energy Center  
NPDES Permit PA 0009920  
Clean Water Act Section 401 – Request for Water Quality Certification or Waiver**

Dear Mr. Spandler:

The purpose of this notice is to inform you of our intent to submit an application to the Pennsylvania Department of Environmental Protection (DEP) for the following:

Project Name: Christopher M. Crane Clean Energy Center (CCEC) Restart - Clean Water Act Section 401

Project Description: Pursuant to the Clean Water Act (CWA) Section 401 and in connection with the proposed restart of CCEC (formerly Three Mile Island Unit 1), on November 6<sup>th</sup>, 2025, Constellation Energy Generation, LLC (CEG) submitted a request to the Pennsylvania Department of Environmental Protection (PADEP) for a Section 401 Water Quality Certificate, or other appropriate documentation, such as a waiver.

Applicant Name: Constellation Energy Generation, LLC

Applicant Contact: Allison Stalker, 267-533-5338, [allison.stalker@constellation.com](mailto:allison.stalker@constellation.com)

Site Location: 2625 River Road, Middletown, PA 17057-0480

Municipality/County: Londonderry Township, Dauphin County

Section 1905-A of the Commonwealth Administrative Code, as amended by Act 14, requires that each applicant for a DEP permit must give written notice to the municipality and the county in which the permitted activity is located. The written notices shall be received by the municipality and county at least 30 days before the Department may issue or deny the permit.

"Acts 67 and 68, which amended the Municipalities Planning Code to support sound land use practices and planning efforts, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. Enclosed is a General Information Form (GIF) we have completed for this project. DEP invites you to review the attached GIF and comment on the land use aspects of this project; please be specific to DEP when identifying any areas of

conflict. If you wish to submit comments for DEP to consider in a land use review of this project, you must respond within 30 days to the DEP regional office listed below. If there are no land use comments received by the end of the comment period, DEP will assume that there are no substantive land use conflicts and proceed with the normal application review process."

Please submit any comments concerning this project within 30 days from date of receipt of this letter to the DEP Waterways and Wetland Program at the Southcentral Regional Office. 909 Elmerton Avenue, Harrisburg, PA 17110.

For more information about this land use review process, please visit [www.dep.pa.gov](http://www.dep.pa.gov), (keyword: Land Use Reviews).

Sincerely,

A handwritten signature in black ink, appearing to read "Trevor L. Orth". The signature is fluid and cursive, with the first name "Trevor" and last name "Orth" clearly distinguishable.

Trevor L. Orth, Plant Manager  
Christopher M. Crane Clean Energy Center

Cc:

Zigmund Karpa, Director Environmental Programs  
Craig Smith, Regulatory Assurance Manager

Attachments (1):

1. PADEP General Information Form

November 18th, 2025

Mr. Ron Kopp, Chair  
Londonderry Township Board of Supervisors  
783 South Geyers Church Road  
Middletown, PA 17057

**Christopher M. Crane Clean Energy Center  
NPDES Permit PA 0009920  
Clean Water Act Section 401 – Request for Water Quality Certification or Waiver**

Dear Mr. Kopp:

The purpose of this notice is to inform you of our intent to submit an application to the Pennsylvania Department of Environmental Protection (DEP) for the following:

Project Name: Christopher M. Crane Clean Energy Center (CCEC) Restart - Clean Water Act Section 401

Project Description: Pursuant to the Clean Water Act (CWA) Section 401 and in connection with the proposed restart of CCEC (formerly Three Mile Island Unit 1), on November 6<sup>th</sup>, 2025, Constellation Energy Generation, LLC (CEG) submitted a request to the Pennsylvania Department of Environmental Protection (PADEP) for a Section 401 Water Quality Certificate, or other appropriate documentation, such as a waiver.

Applicant Name: Constellation Energy Generation, LLC

Applicant Contact: Allison Stalker, 267-533-5338, [allison.stalker@constellation.com](mailto:allison.stalker@constellation.com)

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Municipality/County: Londonderry Township, Dauphin County

Section 1905-A of the Commonwealth Administrative Code, as amended by Act 14, requires that each applicant for a DEP permit must give written notice to the municipality and the county in which the permitted activity is located. The written notices shall be received by the municipality and county at least 30 days before the Department may issue or deny the permit.

"Acts 67 and 68, which amended the Municipalities Planning Code to support sound land use practices and planning efforts, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. Enclosed is a General Information Form (GIF) we have completed for this project. DEP invites you to review the attached GIF and comment on the land use aspects of this project; please be specific to DEP when identifying any areas of

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Trevor L. Orth, Plant Manager  
Christopher M. Crane Clean Energy Center

Cc:

Zigmund Karpa, Director Environmental Programs  
Craig Smith, Regulatory Assurance Manager

Attachments (1):

1. PADEP General Information Form

U.S. Postal Service<sup>™</sup>  
**CERTIFIED MAIL<sup>®</sup> RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)<sup>®</sup>.

Harrisburg PA 17101

Certified Mail Fee \$5.30  
\$  
Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$0.00  
☐ Return Receipt (electronic) \$0.00  
☐ Certified Mail Restricted Delivery \$0.00  
☐ Adult Signature Required \$0.00  
☐ Adult Signature Restricted Delivery \$0.00

Postage \$2.17

Total Postage and Fees

\$11.87

Sent To

Street and Apt. No., or PO Box No.

City, State, ZIP+4<sup>®</sup>

PS Form 3800, January 2023 PSN 7530-02-000-9047

See Reverse for Instructions



U.S. Postal Service<sup>™</sup>  
**CERTIFIED MAIL<sup>®</sup> RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)<sup>®</sup>.

Middletown PA 17057

Certified Mail Fee \$5.30  
\$  
Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$0.00  
☐ Return Receipt (electronic) \$0.00  
☐ Certified Mail Restricted Delivery \$0.00  
☐ Adult Signature Required \$0.00  
☐ Adult Signature Restricted Delivery \$0.00

Postage \$2.17

Total Postage and Fees

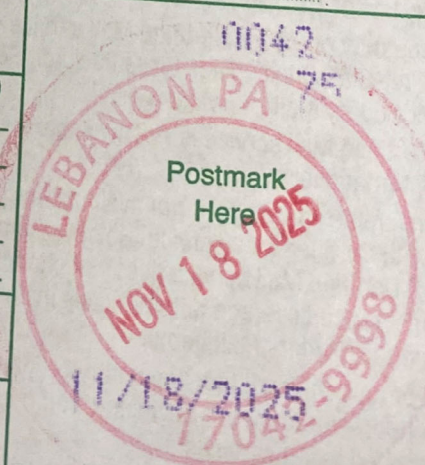
\$11.87

Sent To

Street and Apt. No., or PO Box No.

City, State, ZIP+4<sup>®</sup>

PS Form 3800, January 2023 PSN 7530-02-000-9047



Tracking Number:

Remove X

9589071052702289462958

Copy      Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 12:43 pm on November 20, 2025 in HARRISBURG, PA 17101.

Get More Out of USPS Tracking:

USPS Tracking Plus<sup>®</sup>

Delivered

Delivered, Front Desk/Reception/Mail Room

HARRISBURG, PA 17101  
November 20, 2025, 12:43 pm

Arrived at USPS Regional Facility

HARRISBURG PA DISTRIBUTION CENTER  
November 19, 2025, 9:52 am

Departed Post Office

LEBANON, PA 17042  
November 18, 2025, 7:03 pm

USPS in possession of item

LEBANON, PA 17042  
November 18, 2025, 3:04 pm

Hide Tracking History

Feedback

Tracking Number:

Remove X

9589071052702289462972

Copy      Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to an individual at the address at 12:00 pm on November 20, 2025 in MIDDLETOWN, PA 17057.

Get More Out of USPS Tracking:

USPS Tracking Plus<sup>®</sup>

Delivered

Delivered, Left with Individual

MIDDLETOWN, PA 17057

November 20, 2025, 12:00 pm

Arrived at USPS Regional Facility

HARRISBURG PA DISTRIBUTION CENTER

November 19, 2025, 9:52 am

Departed Post Office

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THOMAS M. DEBEVOISE  
COUNSEL

\* ADMITTED IN MD. ONLY

December 5, 1977

The Honorable Thomas M. Burke  
Environmental Hearing Board  
Blackstone Building  
First Floor Annex  
112 Market Street  
Harrisburg, Pennsylvania 17101

Re: Metropolitan Edison Company v. Commonwealth of  
Pennsylvania, Department of Environmental Resources  
Docket No. 77-076-B

Dear Mr. Burke:

Enclosed please find a "Request to Withdraw Appeal"  
in the above-captioned matter. Attached as an Exhibit to the  
request is a copy of the revised Section 401 Certification  
reflecting the agreement reached between the parties and which  
resolves the outstanding issues which are the subject of the  
above appeal.

Very truly yours,



John P. Proctor  
Attorney for  
Metropolitan Edison Company

JPP/ssg  
cc: w/Encl.  
Eugene E. Dice, Esq.

COMMONWEALTH OF PENNSYLVANIA  
Before The  
ENVIRONMENTAL HEARING BOARD

METROPOLITAN EDISON COMPANY )

v. )

DEPARTMENT OF ENVIRONMENTAL )  
RESOURCES )

EHB Docket #77-076-B

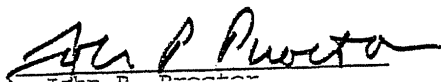
REQUEST TO WITHDRAW APPEAL

AND NOW COMES John P. Proctor, and Debevoise & Liberman,  
attorneys for Metropolitan Edison Company in the above-captioned  
docket, and states and requests as set forth hereafter:

1. Attached hereto is a revised Section 401 Certification  
executed by Frederick A. Marrocco, Chief, Planning Section,  
Harrisburg Regional Office, on behalf of the Department of  
Environmental Resources, reflecting the agreement reached  
between the parties with respect to Metropolitan Edison Company's  
Three Mile Island Nuclear Generating Station which is the  
subject of the instant appeal.

2. On the basis of the document referenced in paragraph  
1 above and attached hereto, Metropolitan Edison Company requests  
that its appeal in the above-captioned docket number be marked  
as withdrawn.

Respectfully submitted,

  
John P. Proctor

63.0016.0001.0005

63.0009.0000

Copies to

3 cc GJT  
1 cc RMK  
1 cc L2  
1 cc JGH  
1 cc G. Miller  
1 cc Chrono

Room 1002 Health & Welfare Building  
Harrisburg, Pennsylvania 17120  
(717) 787-9665  
November 9, 1977

Orig. - file

Mr. Bruce P. Smith  
Permits Branch  
U.S. Environmental Protection Agency  
Sixth and Walnut Streets  
Philadelphia, Pennsylvania 19106

EPA Application PA0009920  
Metropolitan Edison Company  
Three Mile Island Nuclear Station  
Londonderry Township  
Berks County

Dear Mr. Smith:

The Commonwealth of Pennsylvania hereby certifies to the following and thus invalidates all past certifications:

1. The Amendments Nos. 1 and 2 issued 12/29/76 and 5/20/77 respectively for the National Pollutant Discharge Elimination System Permit for subject discharger were forwarded to the Commonwealth of Pennsylvania pursuant to the provisions of Section 401 of the Federal Water Pollution Control Act Amendments of 1972.
2. The effluent limitations and other limitations, and monitoring requirements as proposed in the tentative permit amendments submitted for our review:
  - a. Assure that the applicant will comply with applicable effluent limitations under Section 301 or 302, standards of performance under Section 306, or prohibition, effluent standards, or pre-treatment standards under Section 307 of the FWPCA Amendments of 1972 where they are presently applicable;
  - b. Shall become a condition of a Federal NPDES permit pursuant to Section 402 of the FWPCA Amendments.
3. This certification is subject to the following conditions:
  - a. That the Permittee complies with Pennsylvania's Clean Streams Law.
  - b. That the Permittee complies with Industrial Waste Permits 2270204 and 2272202, and Sewerage Permit 2275419 issued by the Department of Environmental Resources.

NPDES PA0009920  
Metropolitan Edison Company

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November 9, 1977

c. The following effluent limitations should be imposed:

1. Discharge 101 - Effluent of sewage treatment facilities

Total phosphorus shall not exceed 2 mg/l on an average basis, nor 4 mg/l at any time.

2. Discharge 001 - Combined Mechanical Draft Cooling Tower Blowdown.

a. The permittee shall at all times maintain in good working order and operate the Mechanical Draft Cooling Towers (MDCT's) as efficiently as possible so as to minimize temperature differential between ambient river temperature and the temperature of the discharge; provided, however, the MDCT's may be shut down when in the judgment of the responsible TMI's personnel a combination of atmospheric conditions and river temperature may exist which causes the waste water to be heated as it passes through the MDCT's or ice formation is observed to occur within the MDCT's.

- b. The temperature of the discharge shall never exceed a maximum of 87° F, except when the ambient river temperature exceeds 87° F, in which case, the discharge temperature shall not exceed the ambient river temperature; the temperature of the discharge shall not change by more than 5° F during any one hour period.

Ambient river temperature is the temperature of the river upstream of the heated waste discharge. The ambient temperature sampling point should be unaffected by any sources of waste heat. The temperature of the intake water will be considered as ambient river temperature so long as the intake water is unaffected by TMI's or any other nearby heated water discharge.

- c. The following temperature limitations shall never be exceeded:

1. During the period November 1 through April 30, the temperature of the discharge shall not exceed 12° F above ambient river temperature.
2. During the period May 1 through October 31, the temperature of the discharge shall not exceed 7° F above ambient river temperature.

NPDES PA0009920  
Metropolitan Edison Company

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November 9, 1977

3. During plant cooldown operations the temperature of the discharge shall not exceed  $12^{\circ} \text{F}$  above ambient river temperature.
  - d. At no time shall the discharge exceed the rate of 150 million gallons per day.
  - e. The Chief of the Operations Section of the Harrisburg Regional Office of the Bureau of Water Quality Management shall be advised by telephone within 24 hours when the MDCT's are shut down for reasons other than those specified in condition 2(a) above and again when tower operation is resumed; shall be notified within 24 hours when the discharge limitations specified in paragraph 2(c) above are exceeded and again when the discharge is in compliance with such limitations; and shall be notified, at least thirty (30) days in advance, whenever possible of all scheduled plant cooldown operations.
  - f. Within two years after both nuclear reactor units are in commercial operation, the Metropolitan-Edison Company will collect and submit to the Department of Environmental Resources stream data which accurately defines the thermal plume or zone of impact from the TMI-2S heated waste discharge. As a minimum, thermal plume mapping data collected to meet the Nuclear Regulatory Commission's requirements shall be submitted to the Pennsylvania Department of Environmental Resources.
  - g. That the Permittee submit to the Pennsylvania Department of Environmental Resources within ninety (90) days of issuance of Amendment No. 1 to the NPDES permit, an application for a new Pennsylvania Water Quality Management permit for the facilities associated with the thermal component of discharge 001.
4. We certify that the final effluent limitations contained herein and in the attached NPDES permit, to the extent that they are not inconsistent with the limitations herein, are those effluent limitations which are required to achieve the federally approved water quality criteria for the receiving stream. We also certify that the compliance schedule therein is reasonable. We do not certify that the applicant for an NPDES permit is now in compliance with our effluent limitations or permit requirements established pursuant to the Clean Streams Law, Act of June 22, 1937, P.L. 1987, as amended, 35 P.S. 691.1 or that such source is discharging in compliance with the terms or conditions of a state permit. Nor do we certify that by attaining the interim standards contained in the NPDES permit that such source will be in compliance with the aforementioned Clean Streams Law and the Rules

Environmental Report  
Appendix B CLEAN WATER ACT DOCUMENTATION

NPDES PA0009920  
Metropolitan Edison Company

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November 9, 1977

and Regulations thereunder. By certifying the final effluent standards and the schedule for compliance to be contained in the NPDES permit, we do not waive our right to prosecute either civilly or criminally all past, present and future violations of our Clean Streams Law and the Rules and Regulations thereunder. Nor do we waive our right to modify final effluent requirements as is necessary to comply with Pennsylvania Law.

5. This certification by the Department may be appealed to the Environmental Hearing Board, First Floor Annex, Blackstone Building, 112 Market Street, Harrisburg, PA (717) 787-3483, by any aggrieved person pursuant to the Act of December 3, 1970, P.L. 834, 71 Pa. Stat. Anno. §510-1 et seq. and the Administrative Agency Law, the Act of June 13, 1945, P.L. 1388, as amended 71 Pa. Stat. Anno. §1710.1 et seq. Appeals must be filed with the Environmental Hearing Board within thirty (30) days of service of this certification unless the appropriate statute provides a different time period. Copies of the appeal form and the Department's regulations governing practice and procedure before the Board may be obtained from the Board.

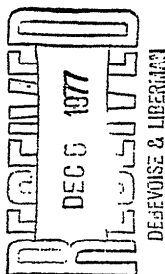
Very truly yours,

*Frederick A. Marrocco*

Frederick A. Marrocco, Chief  
Planning Section  
Harrisburg Regional Office

FAM:kew

cc: Metropolitan Edison Company





## CHAPTER 105 ENVIRONMENTAL ASSESSMENT FORM

|   |  |  | Item  | Location               |
|---|--|--|---|------------------------|
| <b>Note: The Department may waive a specific information requirement in writing, at the request of the Applicant, during the pre-application review process if the Department determines the information is not necessary to complete the review.</b>   |  |  |   |                        |
| <b>Module S1: Project Summary</b>   |  |  |   |                        |
| <i>This module is intended to organize information in order to present an overall summary of the project scope, certain key information requirements and when applicable, a comprehensive view of the overall project and related projects.</i>   |  |  |   |                        |
| A. Provide an overall project description and if the answer to the question below is <b>YES</b> , address CEA requirements; otherwise proceed to <b>S1.B</b> Comprehensive Environmental Assessment (CEA) when applicable. Answer the following question:   |  |  | <input checked="" type="checkbox"/>                                 | Enclosure A            |
| <b>Does the "overall" project require more than one Ch. 105 permit in more than one county or will the project be completed in more than one phase?</b>   |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| B. Provide information related to the project purpose, need, water dependency and summarize the amount and type of resources present and the temporary and permanent impacts proposed to those resources.   |  |  | <input checked="" type="checkbox"/>                                 | Enclosures A and B     |
| <b>Module S2: Resource Identification and Characterization</b>  |  |  |   |                        |
| <i>This module is intended to organize information related to the identification of the resources present on the project site and to characterize those resources that may be affected by the proposed project.</i>   |  |  |   |                        |
| A. Provide the standard resource identification information, location map, wetland determination or delineation reports; watercourse reports; identification and qualifications of preparers; location map, and answer the related questions.   |  |  | <input checked="" type="checkbox"/>                                 | Enclosures A,B,C, D, E |
| <b>Is the site located within or adjacent to any of the following; or within 100 feet of items vii or viii?</b>   |  |  |   |                        |
| i. National, state or local park, forest or recreation area   |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| ii. National natural landmark   |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| iii. National wildlife refuge, or Federal, state, local or private wildlife or plant sanctuaries  |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| iv. State Game Lands  |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| v. Areas identified as prime farmland   |  |  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Enclosure D            |
| vi. Source for a public water supply  |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| vii. A National Wild or Scenic River or the Commonwealth's Scenic Rivers System   |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| viii. Designated Federal wilderness area  |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| B. Identify all aquatic resources present on the project site and provide an identifier, the resource type; size of the resource(s); fishery designations, Ch. 93 uses and special protection status; and Exceptional Value (EV) wetland analysis.  |  |  | <input checked="" type="checkbox"/>                                 | Enclosures F and A     |
| C. Provide the following information related to habitat for Federal threatened and endangered (T&E) plant and animal species or State T&E species or species of special concern - copies of search forms or search receipts; identification of avoidance and minimization efforts taken to resolve identified conflicts.  |  |  | <input checked="" type="checkbox"/>                                 | Enclosures A and B     |
| <b>Did the PNDI search or agency coordination identify any potential conflicts?</b>   |  |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        |
| If the above is answered <b>YES</b> ; answer the following two questions related to PNDI Coordination:  |  |  |   |                        |
| a. <b>Is the applicant utilizing a sequential review of the PNDI coordination?</b>  |  |  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        |
| b. <b>Is the applicant utilizing a concurrent review of the PNDI coordination?</b>  |  |  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        |
| D. Characterize the aquatic resources: riverine, wetland and lacustrine present on the project site that are proposed to be directly or indirectly affected by the project. Including but not limited to the following, resource classification information, Level 2 rapid condition assessment results, discussion of resource functions, characterization of riparian properties and any other relevant information or studies conducted. |  |  | <input checked="" type="checkbox"/>                                 | Enclosure A and B      |
| <b>Module S3: Identification and Description of Potential Project Impacts</b>   |  |  |   |                        |
| <i>This module is intended to organize and present information concerning the potential impacts or effects of the proposed project <b>in this</b> application. Impacts related to the "over all" project that are proposed under related but separate application(s) should be addressed as part of the CEA Policy response under <b>S1.A</b>.</i>  |  |  |   |                        |
| A. Provide a summary table of the proposed temporary and permanent direct and indirect impacts for <u>each</u> effected resource category (e.g. riverine, wetlands and lacustrine resources).   |  |  | <input checked="" type="checkbox"/>                                 | Enclosures A, B, G, H  |
| B. If any questions from <b>S2.A</b> Standard Information Response questions were answered YES, discuss in detail any potential impacts to those resource(s).   |  |  | <input checked="" type="checkbox"/>                                 | Enclosure A            |



**IMPORTANT NOTE:** *If either item vii or viii from S2.A is answered YES, the project is not eligible as a "Small Project Application" type. Complete all applicable sections of the EA form for the standard application type unless an item was otherwise waived by the Department in writing (see previous Note on waiving of information requirements).*

|  | Item Included   | Location           |
|--|---|--------------------|
| C. Provide a table(s) of all proposed water obstruction(s), encroachment activities and dams (e.g. subfacility codes) and provide an identifier, the subfacility code and description, resource identifier from <b>S2.B</b> , latitude and longitude, the proposed temporary and permanent direct and indirect impacts and subfacility details.  | <input type="checkbox"/>  |                    |
| D. Provide a discussion of how the proposed subfacility(ies) individually and in combination directly and/or indirectly impact the identified resource(s) and the effects on the applicable resource functions: hydrologic, biogeochemical, habitat, recreation, any other environmental impacts and the effects on the property or riparian rights of owners upstream, downstream or adjacent to the project.   | <input checked="" type="checkbox"/>                                 | Enclosure A        |
| E. <b>Antidegradation Analysis</b> - The applicant should demonstrate consistency with State antidegradation requirements as described in the Water Quality Antidegradation Implementation Guidance Policy Document Number 391-0300-002. Project application information provided below in <b>S3.F, G and H</b> may be cross-referenced.   | <input type="checkbox"/>  |                    |
| F. <b>Alternatives Analysis</b> - The scope and extent of this analysis should be commensurate with the size and scope of the proposed project impacts <i>in this</i> application, information provided in <b>S4.A</b> below, related to avoidance and minimization efforts, may be cross-referenced.  | <input checked="" type="checkbox"/>                                 | Enclosures A and B |
| G. <b>Potential Secondary Impact Evaluation</b> - Identify and describe environmental impacts on adjacent land and water resources associated with but not that direct result of the project.  | <input checked="" type="checkbox"/>                                 | Enclosure A        |
| H. Identify and evaluate the potential cumulative environmental impacts of this project and other potential or existing projects like it, and the impacts that may result through numerous piecemeal changes to the wetland resource.  | <input checked="" type="checkbox"/>                                 | Enclosure A        |
| <b>Module S4: Mitigation Plan</b>  |   |                    |
| <i>This module is intended to organize and present information concerning actions undertaken in accordance with the definition of <b>Mitigation</b> in Title 25 Pa. Code Chapter 105 - §105.1, 105.16, 105.18a(a)(3), 105.18a(b)(7), 105.20a, and 105.21 as related to the potential impacts or effects of the proposed project <b>in this</b> application.</i>  |   |                    |
| A. Identify and discuss any measures taken that resulted in avoiding or minimizing unavoidable resource impacts, provide detailed responses for individual proposed impact area(s) <b>and</b> the project as a whole.  | <input checked="" type="checkbox"/>                                 | Enclosures A, C, H |
| B. Identify and discuss any repair, rehabilitation or restorative actions taken to rectify an impacted resource, provide detailed responses for individual proposed impact area(s) and the project as a whole. Identify and discuss any proposed preservation and maintenance operations that will be taken to reduce or eliminate an impact during the life of the project.   | <input checked="" type="checkbox"/>                                 | Enclosures A, C, H |
| C. Provide the results from application of the Pennsylvania Function-Based Aquatic Resource Compensation Protocol. Identify and discuss any actions undertaken to provide compensatory mitigation, a detailed discussion of the proposed compensation actions and how they will offset the lost resource functions, include a comparison of the results from Section 6.0 of the Pennsylvania Function-Based Aquatic Resource Compensation Protocol with the results from Section 5.0. When applicable provide detailed plans including performance standards and success criteria. | <input type="checkbox"/>  |                    |
| Answer the following question. If the answer to the question is <b>YES</b> , provide the information regarding the mitigation credit provider; otherwise provide a detailed mitigation plan. If the application proposes to utilize both mitigation bank or in lieu fee credits <b>and</b> conduct permittee responsible mitigation; both the credit provider and mitigation plan information shall be submitted.  | <input type="checkbox"/>  |                    |
| <b>Does the applicant propose to utilize an approved mitigation bank or PA's in lieu fee program to provide all or a portion of the compensation?</b>  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                    |
| D. When applicable, provide a plan to monitor the identified actions proposed in <b>S4.B</b> and/or <b>S4.C</b> compensatory mitigation area. Applicants should utilize the Department's Design Criteria and the USACE's RGL 08-03 -(http://www.usace.army.mil/Portals/2/docs/civilworks/RGLS/rgl08_03.pdf) to develop monitoring plans for compensatory mitigation proposals. The plan should include performance standards/success criteria, duration and timeframes of monitoring, monitoring report template, and template remedial action or adaptive management plan.        | <input checked="" type="checkbox"/>                                 | Enclosures A and I |
| <b>Note: All or portions of this Module likely apply to "Small Project" type applications and waiver of this section should be discussed during any pre-application meetings or prior to application submittal.</b>  |   |                    |
| <b>CERTIFICATION</b>   |   |                    |
| I certify that the above statements, attachments including those labeled and identified as Enclosures, and all conclusions are true, correct, and based upon current environmental principles and science, to the best of my knowledge and belief.   |   |                    |
|   | 11/21/25  |                    |
| Signature  | Date  |                    |

## CCEC Section 401 CWA Crosswalk

| GENERAL INFORMATION FORM (GIF) |  |   |           |  |
|--------------------------------|--|---|-----------|--|
| Section                        | Internal Notes on Completing the Form  | CEG Input   | Enclosure | Document   |
| Land Use Information           |  | Section not applicable to project   | N/A       |  |
| Coordination Information       | CCEC ER Section 2.2, Summary of Restart Activities, includes a description of earth disturbance, which is planned to occur on previously disturbed land. ER Section 4.6, Air Quality, provides a description of anticipated air emissions from restart activities and resumption of power operations. ER Section 4.8, Waste Management, provides a description of waste expected to be generated from restart activities and resumption of power operations. | No major demolition activities are anticipated, and no new construction on undeveloped land is planned. Any new construction, if needed, is expected to be on previously disturbed land and is expected to follow existing site procedures and environmental screening processes. | A         | CCEC ER Sections 2.2, Summary of Restart Activities, 4.6, Air Quality, and 4.8, Waste Management   |
|                                |  |   | B         | SRBC docket renewal with modification application Section 1.4 PDF page 2 includes existing and requested surface water withdrawal quantities |

| ENVIRONMENTAL ASSESSMENT (EA) FORM |   |           |   |                        |  |
|------------------------------------|---|-----------|---|------------------------|--|
| Module                             | Section   | Enclosure | Document  | Page #                 | Notes  |
| S1: Project Summary                | S1. A, project description  | A         | CCEC ER Section 1.0, Introduction   | Page 9                 | ER Section 1.0 provides an overall description of the project  |
|                                    | S1. B, project purpose, need, water dependency, and summarize the resources present and impacts | A         | Project purpose and need: CCEC ER Section 1.2, Purpose of and Need for Proposed Action<br><br>Resources present and impacts: CCEC ER Chapters 3, Affected Environment, and 4, Environmental Impacts | Page 9<br>Pages 29-105 | ER Section 1.2 provides a description of the project purpose and need.<br><br>ER Chapter 3 provides a description of resources and Chapter 4 provides an impact analysis of restart. |

| ENVIRONMENTAL ASSESSMENT (EA) FORM               |   |           |   |                        |  |
|--|---|-----------|---|------------------------|--|
| Module   | Section   | Enclosure | Document  | Page #                 | Notes  |
|  |   | B         | Water dependency: SRBC docket modification with renewal application Section 2.1, Project Facility Description                           | PDF page 4 and page 50 | SRBC Section 2.1 of the application describes the purpose and need to withdraw water.  |
| S2: Resource Identification and Characterization | S2. A, standard resource identification information, location map, etc., and answer questions related to national/state parks, landmarks, prime farmland, public water supply, etc. | A         | CCEC ER Figure 2.1-1, Section 3.1, Land Use   | Pages 16 and 29        | CCEC ER Figure 2.1-1, CCEC Vicinity, and Section 3.1 Land Use, confirm there are no national parks, landmarks, wildlife refuges, state game lands, scenic rivers, etc. within or adjacent to the site.   |
|  |   | B         | SRBC docket modification with renewal application Section 4.1, Environmental Resource Information, and Section 4.2, Wetland Information | PDF page 8             | SRBC application Section 4.1 includes a description of onsite resources, and Section 4.2 includes a description of wetlands.   |
|  |   | C         | NPDES permit renewal application resubmittal, topographic map   | PDF page 88            | The NPDES application topo map includes the names and boundaries of regulated waters.  |
|  |   | D         | A.(v), Prime Farmland: USDA NRC Web Soil Survey map   | NA                     | The USDA soil survey report identifies prime farmland on the operational area of the site.   |
|  |   | E         | Letter to Exelon dated October 5, 2018, regarding potentially jurisdictional environment features within a 5-acre area                  | NA                     | The letter describes an environmental field review that was conducted in 2018 for a 5-acre area for an independent spent fuel storage installation (ISFSI). Environmental features, such as streams and wetlands, were not observed that could be considered jurisdictional under the PA DEP or the EPA. |
|  | S2. B, aquatic resources present on the project site  | F         | NRC 2024 Environmental Assessment for Specific Decommissioning Activities at Three Mile Island, Unit 2 in Dauphin County,               | 3-11 to 3-12           | EASDA Section 3.2.2 includes a description of aquatic resources for CCEC and the 6-mile vicinity of the site.  |

| ENVIRONMENTAL ASSESSMENT (EA) FORM                              |   |           |  |                                  |  |
|---|---|-----------|--|----------------------------------|--|
| Module  | Section   | Enclosure | Document   | Page #                           | Notes  |
|   |   |           | Pennsylvania (EASDA) Section 3.2.2, Aquatic Resources                                |                                  |  |
|   |   | A         | CCEC ER Section 3.3.2, Aquatic Ecology   | Pages 43-44                      | ER Section 3.3.2 concludes that the aquatic resources information provided in the EASDA remains valid.   |
| S2: Resource Identification and Characterization                | S2. C, habitat for state and federal T&E species along with PNDI search.  | A         | CCEC ER Section 3.3.3, Special Status Species and Habitats                           | Pages 44-53                      | ER Section 3.3.3 includes a description of federal and state T&E species.  |
|   |   | B         | SRBC docket modification with renewal application Section 4.3, RTE Species Inventory | Pdf page 9 and Pdf pages 160-200 | SRBC application Section 4.3 indicates a PNDI search was completed on July 25, 2025, and that there are no known or anticipated impacts associated with proposed withdrawals |
|   | S2. D, characterize the aquatic resources present on the project site that are proposed to be directly or indirectly affected | A         | CCEC ER Section 3.2.2  | Pages 34-38                      | The ER and SRBC docket application characterize the aquatic resources at CCEC  |
|   |   | B         | SRBC docket modification with renewal application Section 5.6.3                      | Pdf page 11 and Pdf page 239     |  |
| S3: Identification and Description of Potential Project Impacts | S3. A, summary table of the proposed temporary and permanent direct and indirect impacts for each effected resource category  | A         | CCEC ER Section 4.3.2, Aquatic Ecology   | Pages 84-86                      | ER Section 4.2.3 discusses the aquatic resource impacts for restart activities and resumption of power operations.   |
|   |   | B         | SRBC docket renewal with modification application Section 5.1                        | Pdf page 9 and Pdf page 201      | SRBC application Section 5.1 discusses the anticipated impacts of the project.   |

| ENVIRONMENTAL ASSESSMENT (EA) FORM                              |  |           |  |                            |  |
|---|--|-----------|--|----------------------------|--|
| Module  | Section  | Enclosure | Document   | Page #                     | Notes  |
|   |  | G         | SEIS Section 4.4, Surface Water  | 4-3 to 4-5                 | Section 4.4 of the SEIS discusses the environmental impact of operation on surface waters, which was considered SMALL.   |
|   |  | H         | North Bridge Maintenance Notification Section E, Proposed Impacts  | 110                        | Section E of the North Bridge Maintenance Notification provides a table summarizing impact on aquatic resources from north bridge maintenance activities.  |
| S3: Identification and Description of Potential Project Impacts | S3. B, potential impacts to resource(s) in S3.A  | A         | CCEC ER Section 4.1 Land Use and Visual Resources, 4.2.2, Surface Water Resources, and Section 4.3, Ecological Resources | Pages 78, 81-83, and 84-86 | ER Sections 4.1, 4.2.2 and 4.3.2 describe impacts to land use, surface water resources and aquatic resources, respectively, from restart activities and resumption of power operations.                                  |
|   | S3. C, table(s) of all proposed water obstruction(s), encroachment activities and dams   | N/A       | N/A  | N/A                        | Restart activities and the resumption of power operations will not have any water obstruction(s), encroachment activities, or dams.  |
|   | S3. D, discussion of how the proposed sub- facilities individually and in combination directly and/or indirectly impact the identified resource(s) | A         | CCEC ER Chapter 4, Environmental Impacts   | Pages 78-105               | ER Chapter 4 addresses impacts to environmental resources from restart activities and resumption of power operations   |
|   | S3. E, Antidegradation Analysis  | N/A       | N/A  | N/A                        | As indicated in the NPDES application, page 26, an antidegradation analysis is not applicable because the applicant is not proposing a new or increased discharge to High Quality (HQ) or Exceptional Value (EV) waters. |
|   | S3. F, Alternatives Analysis   | A         | CCEC ER Section 1.3, Alternatives  | Page 10                    | ER Section 1.3 describes a no-action alternative, which results in CCEC remaining in decommissioning.  |

| ENVIRONMENTAL ASSESSMENT (EA) FORM |  |           |  |                                   |  |
|------------------------------------|--|-----------|--|-----------------------------------|--|
| Module                             | Section  | Enclosure | Document   | Page #                            | Notes  |
|                                    |  | B         | SRBC docket renewal with modification application Section 5.3, Alternatives Analysis   | Pdf page 10 and Pdf pages 203-220 | SRBC application Section 5.3 includes an alternative to retrofit CCEC to a dry cooling system, which is not feasible from both technological and nuclear safety perspectives.  |
|                                    | S3. G, Potential Secondary Impact Evaluation   | A         | CCEC ER Section 4.1, Land Use and Visual Resources, and Section 4.10, Cumulative Effects   | Pages 78 and 104                  | ER Section 4.1 discusses land use impacts from restart activities and resumption of power operations. ER Section 4.10 includes an analysis of changes to the site and vicinity. Cumulative effects were either not expected or anticipated to be NOT SIGNIFICANT.  |
|                                    | S3. H, cumulative environmental impacts of this project                                    | A         | CCEC ER Section 4.10, Cumulative Effects   | Page 104                          | ER Section 4.10 discusses the cumulative effects of restart and resumption of power  |
| S4: Mitigation Plan                | S4. A, measures taken that resulted in avoiding or minimizing unavoidable resource impacts | A         | CCEC ER Section 3.3.1.4, Procedures and Protocols – Terrestrial Ecology, and Section 3.3.2.4, Procedures and Protocols – Aquatic Ecology | Pages 41-44                       | ER Sections 3.3.1.4 and 3.3.2.4 list and describe existing procedures and protocols that prevent and mitigate impacts on ecological resources  |
|                                    |  | C         | NPDES permit Renewal application resubmittal, Preparedness, Prevention, and Contingency (PPC) Plan                                       | Pages 578-651                     | The PPC included in the NPDES renewal resubmittal includes preventive and response measures.   |
|                                    |  | H         | North Bridge Maintenance Notification Erosion & Sedimentation Control Plan   | Pdf pg. 3 to 17                   | Maintenance and repairs to the North Bridge over the Susquehanna River will occur from the existing deck and piers. In addition, a debris containment system is to be installed to ensure no construction debris enters the Susquehanna River. No disturbance is proposed within the waterway or ground below the bridge.<br><br>In addition to the plans and procedures provided in these |

| ENVIRONMENTAL ASSESSMENT (EA) FORM |   |           |  |                         |   |
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| Module                             | Section   | Enclosure | Document   | Page #                  | Notes   |
|                                    |   |           |  |                         | enclosures, CEG has a Radiological Emergency Plan.  |
|                                    | S4. B, repair, rehabilitation or restorative actions taken to rectify an impacted resource; proposed preservation and maintenance operations to reduce or eliminate impacts | A, C, H   | See Module S4. A. documents, sections, and page numbers  |                         | No rehabilitation or restorative actions are planned or ongoing. CEG plans to use existing plans and procedures to reduce or eliminate impacts on resources during the life of the project.   |
|                                    | S4. C, results from application of the Pennsylvania Function-Based Aquatic Resource Compensation Protocol   | N/A       | N/A  | N/A                     | Pennsylvania Function-Based Aquatic Resource Compensation Protocol. was rescinded by DEP in January 2023; therefore, this requirement no longer applies.  |
|                                    | S4. D, plan to monitor the identified actions proposed in S4. B and/or S4. C compensatory mitigation area   | A         | CCEC ER Section 3.2.1.2, Groundwater Quality, Section 3.2.2.2, Surface Water Quality, Section 3.3.1.4, Procedures and Protocols – Terrestrial Ecology, and Section 3.3.2.4, Procedures and Protocols – Aquatic Ecology | Pages 32-36, 41, and 43 | ER Section 3.2.1.2 provides details on the Radiological Groundwater Protection Program. ER Section 3.2.2.2 includes descriptions of preventive, mitigation, and monitoring programs related to surface water quality. ER Sections 3.3.1.4 and 3.3.2.4 include descriptions of chemical management, preventive, and mitigation plans and programs. |
|                                    |   | I         | NPDES Permit No. PA0009920   | N/A                     | The NPDES permit includes monitoring requirements and permit limits for plant effluent. The permit is in administrative extension and supports power operations.  |

| CULTURAL RESOURCE NOTICE |   |  |
|--------------------------|---|--|
| Enclosure                | Document  | Notes  |
| J                        | Historic Resource Survey Form   | The survey and cultural resources protection plan both detail the cultural resources on the CCEC site.   |
| K                        | TMI-1 Cultural Resources Protection Plan                                  | CEG implemented a Cultural Resources Protection Plan for identifying and addressing potential impacts on archaeological and historically significant cultural resources. |
| L                        | PSDAR ER Section 2.14, Cultural, Historical, and Archaeological Resources | PSDAR ER Section 2.14 summarizes cultural, historical, and archaeological resources in the CCEC vicinity and monitoring and protection measures                          |

## Enclosures

### Enclosure A

CEG. 2025. Crane Clean Energy Center Environmental Report. October 2025.

### Enclosure B

CEG. 2025. SRBC Docket Renewal with Modification Application. Submitted to SRBC August 2025.

### Enclosure C

CEG. 2025. NPDES Permit Renewal Application Resubmittal Package. Submitted to PA DEP March 2025.

### Enclosure D

USDA (United States Department of Agriculture). 2025. Natural Resources Conservation Service Web Soil Survey. Retrieved from <<https://websoilsurvey.nrcs.usda.gov/app/>> (accessed August 27, 2025).

### Enclosure E

Letter from ENERCON to Exelon dated October 5, 2018, regarding potentially jurisdictional environmental resources for an approximately 5-acre site for an ISFSI.

### Enclosure F

NRC. 2024. Environmental Assessment for Specific Decommissioning Activities at Three Mile Island, Unit 2 in Dauphin County, Pennsylvania. August 2024. ADAMS Accession No. ML24197A005.

### Enclosure G

NRC. 2009. Generic Environmental Impact Statement for License Renewal of Nuclear Power Plants, Supplement 37, Regarding Three-Mile Island Nuclear Station, Unit 1. Final Report (SEIS). June 2009. ADAMS Accession No. ML091751063.

### Enclosure H

CS. Davidson, Inc. on behalf of CEG. 2025. North Bridge Maintenance Notification for 2025 Bridge Repairs.

### Enclosure I

PA DEP. 2010. NPDES (National Pollutant Discharge Elimination System) Permit No. PA 0009920. Permit issued in 2007 and amended in 2010.

Enclosure J

Hunter, William M. 2009. Historic Resource Survey Form: Duffy Farm, Greenawalt Farm (Historic Names); Lower Farm Ruin (Site 36Da235). Prepared for the Bureau of Historic Preservation [now PA SHPO], Pennsylvania Historical and Museum Commission, Harrisburg, PA, by Heberling Associates, Inc., Alexandria, PA

Enclosure K

EGC (Exelon Generation Company, LLC). 2009. Three Mile Island Generating Station Unit 1 Cultural Resources Protection Plan. Revision 0.

Enclosure L

EGC. 2018. Environmental Report, Post-Shutdown Decommissioning Activities Report (PSDAR), Three Mile Island Nuclear Station, Unit 1.