



January 27, 2021

VIA ELECTRONIC MAIL

Melanie A. Bachman
Executive Director
State of Connecticut
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

**Petition No. 1218 – PSEG Power Connecticut LLC
Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
Progress Report No. 22 – Fourth Quarter 2020**

Dear Ms. Bachman:

This is the Fourth Quarter 2020 progress report submittal to the Connecticut Siting Council (CSC) for the new combined cycle generating station designated by PSEG Power Connecticut LLC (PSEG) as the PSEG Bridgeport Harbor Station Unit 5 Combined Cycle Project (BHS 5, the Project, or the Facility). This progress report documents compliance with the CSC conditions as set forth in the CSC Decision and Order (D&O), as well as the Development and Management Plan (D&MP) approvals. As reported in the quarterly report submitted in July 2020, PSEG announced that it would begin the process of selling its fossil fleet, including BHS 5. At this time, PSEG has no further update to report regarding the PSEG Bridgeport Harbor Station at this time but will keep the CSC apprised as per Condition 14.

This Quarterly Report will be the last for the project, as construction of BHS 5 was completed on December 31, 2020 with the final access platforms being completed. Pursuant to Regulations of Connecticut State Agencies (RCSA) Section 16-50j-62(c), PSEG will provide the CSC with official notice of construction completion within 45 days and furnish a completion report within 180 days under separate cover.

The CSC Condition Compliance Matrix is included in this report as **Exhibit 1**, and although the Quarterly Reporting requirement is now complete, PSEG will continue to track the outstanding items and provide them to the CSC upon completion, such as the documentation regarding emergency drills onsite and required stormwater management and spill report filing.

Construction Status Summary

The plant's Commercial Operations Date (COD) was June 10, 2019 as previously reported. The BHS 5 facility has dispatched energy at or near the rated capacity of the unit through the Independent System Operator – New England (ISO-NE) on natural gas, for the duration of the reporting period.

Physical construction of the electric generating equipment is complete. The last remaining miscellaneous construction activities including final non-critical features were completed during

**Connecticut Siting Council
Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
Progress Report No. 22 – Fourth Quarter 2020**

this quarter, including final electrical work for interior site lighting and erection of steel access platforms for personnel to safely access plant equipment.

Final site finishes were completed in early October 2020 when the last of the excess fill was removed from the site and the stone cover was placed in those areas. In addition, the site infiltration basins were cleaned and restored in December 2020. The stormwater conveyance system is currently operational and in-service with all filters installed and all earth disturbance complete. The Soil Erosion and Sediment Control (SESC) Best Management Practices (BMPs) to support construction, such as the silt fence, were removed in December 2020, after the post-construction inspection was completed by the third party engineers in accordance with termination requirements of the Project's General Permit Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. In accordance with the conditions of this permit, because earth disturbance for the project was completed and site stabilization was achieved on October 9, 2020, the final post-stabilization inspection by the third party engineers was completed after 90 days (after January 9, 2021), and the Notice of Termination is being filed with CT DEEP documenting stormwater system completion and site stabilization.

All testing / commissioning activities for operations on natural gas have been completed for the facility. The Ultra-Low Sulfur Distillate (ULSD) oil unloading and storage systems have been commissioned, and last day of filling of the storage tank occurred on June 12, 2020. The plant has not yet been commissioned on ULSD. The ULSD Forwarding and Combustion Turbine Generator (CTG) Liquid Fuel commissioning was previously scheduled for October/November 2020. However, PSEG has made the decision to defer the remaining ULSD commissioning at this time. However, the unit's design remains ULSD capable, however, the ULSD commissioning work remains on hold at this time.

Simulated Emergency Response Plans and Activities

In consultation with the City of Bridgeport Fire Marshal, PSEG has developed site plans and information for emergency response planning with the City of Bridgeport Emergency Response (ER) organizations. The site navigated and completed construction effective December 31, 2020-31-20 in a very safe manner. Updates intended to assist ER activities, include National Fire Protection Association (NFPA) 704 diamond signs along with the Occupational Safety and Health Administration (OSHA)-Globally Harmonized System of Classification and Labelling of Chemicals (GHS) pictograms have been strategically posted at main building entrances for Right-to-Know awareness. A building numbering system for emergency services was developed with the fire marshal and a local vendor with large reflective building numbers installed to help emergency vehicles identify the buildings when approaching from the internal roads. A simulated spill drill with our Oil Spill Removal Organization (OSRO) spill contractor occurred during the first fill of ULSD oil which helped prove out our USLD tank unloading procedure and provide site familiarization. During construction the Bridgeport Fire Department was often called to standby during Confined Space entry. Operational contingency planning during plant commissioning milestones and critical first operations focused on safety and "stop" points. The site has made attempts to invite the Fire Department to do a site walkdown, however with COVID, these invitations remain open. Once coordinated post-COVID, we will also include the Bridgeport Office of Emergency Management in the site activities. We will include any further ER activity updates in our final report.

During the project, the EHS Manager kept communications open with the Bridgeport OEM, Fire Department, and Fire Marshall updated on strategic events during construction and

**Connecticut Siting Council
Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
Progress Report No. 22 – Fourth Quarter 2020**

commissioning with periodic updates announcing milestones as the natural gas commissioning, first fire, steam blows, first Ammonia delivery, building numbering, Right-to-Know labeling with NFPA 704 diamond signs along with the OSHA-GHS pictograms, and oil fill. The BHS5 website was used to keep the community posted with the live webcam during construction and is still accessible with contact information. Also during construction PSEG had key public relations representatives that attended public meetings, distributed flyers to doors in the community, posted information to keep emergency responders/local community notified for onsite emergencies and planned construction-related activities.

Community Activities

PSEG continues to work with the City of Bridgeport regarding the ongoing implementation of the Community Environmental Benefit Agreement (CEBA). The project website and Facebook page (<https://bridgeportharborstation.com/home/>) provides plant summary information. PSEG continues to be ready to review any CEBA Renewable Energy Investment Program (REIP) opportunities that are presented to PSEG.

Remediation Status Summary

Site remediation is complete, all activities are field complete, except the final closure report and surveys to Connecticut Department of Energy & Environmental Protection (CT DEEP). The preparation of the close-out reporting for remediation effort is on-going, and is targeted for submission to CT DEEP by the second quarter of 2021. Documentation related to fill depths and the orange warning fabric elevation is in final review for the closure documentation. In addition, the area with Engineered Controls (EC) in the laydown near the east ramp will be also be included in the final EC documentation. Close-out remediation efforts and a final description of the ECs will be provided to the CSC at that time.

Engineering and Regulatory Status Summary

At this time, PSEG has made the decision not to pursue the refurbishment of the existing oil dock to support fuel transfer operations for the Ultra Low Sulfur Diesel (ULSD) Tank. The tank has successfully been filled via truck delivery, and the use of delivery barges is not required. As such, pursuant to the D&MP 2 Condition 12/23/16-05, PSEG is notifying the CSC that this work will no longer be conducted, and therefore, no plan submission to the CSC is required.

City of Bridgeport building permitting closeouts are in progress, with approximately 81% of the building permits closed as of December 31, 2020. All of the documentation to close out the Building Permits have been provided to the City of Bridgeport, and issuance of Certificates of Occupancy (COs) are pending based on the City's final review of the documentation. The one exception is the Administration Building, which requires minimal repairs/modifications to ensure Code compliance pursuant to inspections conducted by the City's structural inspector. PSEG will update the CSC on the status of the issuance of the final COs in the Final Reporting, and will provide any additional updates to confirm close-out of all permits has occurred.

Seven (7) new Building Permits were filed for and issued in the fourth quarter of 2020 to authorize the construction of access platforms that were not previously constructed or included in the original design. The construction of these access platforms was completed on December 31, 2020. PSEG is working with third party engineers to complete final inspections required to close

**Connecticut Siting Council
Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
Progress Report No. 22 – Fourth Quarter 2020**

out building permits, and is targeting for close-out of new permits in the first quarter 2021, pending the City of Bridgeport Building Department review.

The Comprehensive General Permit (GP) Registration for Discharges to Surface Water and Groundwater have been completed for construction scope. The Comprehensive GP will remain open for potential use related to site operations in accordance with the GP terms and conditions as necessary and appropriate. Wastewater from BHS 5 is being discharged to the Bridgeport Water Pollution Control Authority (WPCA) under the Pre-Treatment Permit issued for process wastewater discharges.

The existing CT DEEP GP for the Discharge of Stormwater Associated with Industrial Activities became effective for BHS 5 at COD. The CT DEEP GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities has remained in effect until all final inspections have been conducted and until 90 days after the site has achieved final stabilization. Final stabilization was achieved onsite on October 9, 2020 when the final earth disturbance was completed to install the observation well in the eastern infiltration basin. At that time, all stone cover was placed onsite in accordance with the engineering design plans, meeting stabilization requirements. In accordance with the conditions of the general permit, the post-construction inspection was conducted by a third party engineer on December 15, 2020, and subsequently a letter was issued by the Connecticut Professional Engineer confirming that the stormwater facilities onsite were completely installed and in accordance with the design plans. The final post-stabilization inspection was completed by the third party engineers on January 11, 2021, after 90 days after achieving final site stabilization, as required by the GP. The Notice of Termination (NOT) to be filed with CT DEEP is currently being executed and will be filed with CT DEEP concurrently with this report filing to ultimately close out this construction permit.

Final updates of the BHS site Stormwater Pollution Prevention Plan (SWPPP), and Spill Prevention, Control and Countermeasures Plan (SPCC) have been completed and are available onsite.

The remaining permitting activities associated with the construction of BHS 5 include Building permit closeouts upon City of Bridgeport final acceptance of work and issue of the applicable and required Certificates of Occupancy. The Operations and Maintenance Plan for the site stormwater system has been completed and will be submitted to the City of Bridgeport Engineering Department on February 3, 2021.

Development and Management Plan (D&MP) and Other CSC Updates

There were no D&MP updates filed in the fourth quarter of 2020. No additional D&MP construction or operations-related submittals are anticipated for the project. PSEG has made the decision defer further discussions to refurbish the existing oil dock to support fuel transfer operations. As previously noted, with the announcement that PSEG would begin the process of selling its fossil fleet, PSEG has elected not to move forward with a decision to refurbish the dock for the ULSD transfer operations.

Construction Schedule Update

As shown below, one change has been made to the schedule to note the actual construction completion date of December 2020.

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

“(A)” refers to ACTUAL.

1.	Forward Capacity Auction No. 10	February 10, 2016 (A)
2.	Completion of City of Bridgeport Land Use Permitting	November 1, 2016 (A)
3.	Completion of Non-Air CT DEEP Permitting	February 2017 (A)
4.	Initial City of Bridgeport Building Permit Submittals	February 2017 (A)
5.	Receipt of CT DEEP Final Air Permit	April 11, 2017 (A)
6.	Initiation of Field Construction and Delivery Activities	April 12, 2017 (A)
	a. Temporary Construction Facilities	November 2016 (A)
	b. Site Work	April 12, 2017 (A)
	c. Foundations	June 2017 (A)
	d. Initial Equipment Deliveries	August 2017 (A)
	e. Major Equipment Delivery (Transformers)	November 2017 (A)
	f. Major Equipment Delivery (Turbines / Generators)	January 2018 (A)
	f. GIS and Transformer Foundation Installation	June 2017 (A)
	g. Gas Turbine Generator (GTG) Delivery and Set	January 2018 (A)
	h. HRSG Delivery	May 2018 (A)
	i. Start-up Testing and Commissioning	October 2018 (A)
7.	Operational Testing (first GTG operations)	May 6, 2019 (A)
8.	Balance of Plant Initial Start-up Testing	January 2019 (A)
9.	Performance and Reliability Testing	April - June 2019 (A)
10.	Target Completion	June 2019 (A)
11.	Commercial Operation Date (COD) on Natural Gas	June 10, 2019 (A)
12.	Commissioning of the Combustion Turbine Generator on ULSD	TBD - Deferred
13.	Estimated Completion Date (Post-COD Site Field Construction Related Activities)	December 2020 (A)

Status of CSC Conditions

The following changes or updates to the full listing of CSC conditions provided in **Exhibit 1** for this reporting period are provided below. As this is the final Quarterly Report to be submitted to the CSC, further detail on the outstanding conditions is also provided. PSEG will provide the CSC with updates to Exhibit 1 as part of each transmittal to ensure proper tracking of these items.

1. The anticipated completion date for CSC Requirement Numbers 1(f) have been pushed to first quarter 2021 due to processing and coordination delays. This report will be furnished to the CSC upon completion.
2. CSC Requirement Numbers 1(j) for an update stormwater plan has been completed and is available at the site. A copy of Stormwater O&M Plan as per the City of Bridgeport requirements will be submitted to Bridgeport Engineer with a signed declaration from the Plant manager and the Stormwater PE on February 3, 2021, as an appointment is required to submit documentation to the City Departments. The integrated SWPPP has been updated. With the anticipated sale and shutdown of BHS3 in June, PSEG expects to be working with CTDEEP on an updated application in 2021.
3. CSC Requirement Numbers 1(m) Fuel storage and handling plan has been finalized with the Fuel Oil Unloading System (FOA) Standard Operating Procedure (SOP) and the accompanying BHS UNIT 5 ULSD Tank Truck Delivery Checklist that is used for each delivery. Also, spill protection measures have also been incorporated into BHS5 updated SPCC Plan which was submitted to CTDEEP during a Marine Terminal inspection 10/8/2020. These document are on-site for review.

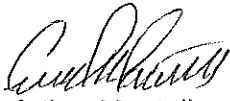
**Connecticut Siting Council
Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
Progress Report No. 22 – Fourth Quarter 2020**

4. CSC Requirement Numbers 1(n) for containment measures for the three step-up transformer dielectric fluids have been completed with the final construction finishes as per plan submitted, with three separate concrete vaults located below each transformer. Currently, the site has three sump system with a petro-plug for each vault that allows for the discharge of rainwater after inspection through a petro-plug filter as per plant operating procedures. Similarly the ULSD storage tank is complete with a roofed perimeter steel secondary containment space. This secondary containment has an integrated level detector that alarms into the BHS5 control room for real-time alarms that are continuously monitored by plant Operations. Additionally, both the ULSD tank level and the secondary containment level are trended points in the plant control system that allow plant personnel to monitor both for trends over time.
5. CSC Requirements 8(i) simulated emergency response activities included emergency response planning with the City of Bridgeport Fire Marshal, a simulated spill drill and site familiarization with our OSRO spill contractor during the first fill of ULSD oil, Bridgeport FD standby during Confined Space entry during construction with an initial FD walkdown, and operational contingency planning during plant commissioning milestones and critical first operations. Results achieved from communications with the Fire Marshal and Fire Chief were the use of NFPA 704 diamond signs at critical building entrances, the building reflective numbering system, and a condensed version of site plans at the gatehouse and as were electronically provided to the Bridgeport FD and OEM. The site has made attempts to invite the Fire Department's 4 rotating shift to do a site walkdown, however with COVID the invitations remain open.
6. CSC Requirements 8(iii) During the project the EHS Manager kept communications open with the Bridgeport OEM, Fire Department, and Fire Marshall updated on strategic events during construction and commissioning with periodic updates announcing milestones as the natural gas commissioning, first fire, steam blows, first Ammonia delivery, building numbering, Right-to-Know labeling with NFPA 704 diamond signs along with the OSHA-GHS pictograms, and oil fill. The BHS5 web-site was used to keep the community posted with the live webcam during construction and is still accessible with contact information. Also during construction we had key public relations representatives that attended public meetings, distributed flyers to doors in the community, posted information to keep emergency responder/local community notified for onsite emergencies and planned construction-related activities.
7. CSC Requirement 9 is closed as construction was completed on December 31, 2020.
8. CSC Requirement 10 is closed as the notification of construction completion is being submitted concurrently with this Quarterly Report. Pursuant to Regulations of Connecticut State Agencies (RCSA) Section 16-50j-62(c), PSEG will also submit a Final Report no later than 180 days after the completion of all site construction and site rehabilitation.
9. CSC Requirement No 12/23/16-03 is now closed as this is the final Quarterly Report submission as BHS 5 construction is complete.
10. Pursuant to CSC Requirement No. 12/23/16-05, PSEG has made the decision not to pursue the refurbishment of the existing oil dock to support BHS 5 operations.

**Connecticut Siting Council
Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
Progress Report No. 22 – Fourth Quarter 2020**

If you have any questions or require clarification regarding this Quarterly Report or the status of the project, please contact me or the Project Manager / Regulatory Lead, Jacqueline Fusco at 201-294-2165.

Very truly yours,



Arthur Mantell
Plant Manager
PSEG Power LLC

Enclosures

Exhibit 1 Updated CSC Condition Compliance Matrix

- cc Michael Perrone (electronic)
- Leilani M. Holgado, Esq. (electronic)
- Mark Strickland (electronic)
- Leonard Rodriguez, Esq. - United Illuminating Company (electronic)
- Thomas Gill – City of Bridgeport (electronic)

**Connecticut Siting Council
Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
Progress Report No. 22 – Fourth Quarter 2020**

Exhibit 1 – Updated CSC Condition Compliance Matrix

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
1(a)	Final site plan showing roads, structures, and other improvements on the site	Partial: construction execution planning process summary included as Exhibit 1. A general update on Project Scope and Design is included as Exhibit 15.	Final structures and other improvements, including buildings, stack, power block, and balance of plant (Exhibits 1 and 2)	Completed; D&MP Update No. 1 was filed in June 2017 and approved in July 2017.
1(b)	Consideration of waste heat as supply for thermal loop or nearby industrial user	N/A	Included (Exhibit 9)	Completed; see CSC Requirement Number 12/23/16-04 below for follow-up requirements.
1(c)	Lighting plan and details to minimize impact on off-site properties	Partial: construction lighting only – Exhibit 9	Final lighting plans (Exhibits 1 and 2)	Completed
1(d)	Final fuel dock rehabilitation plan	Update on status included as Exhibit 7	Status unchanged since D&MP Phase 1 – PSEG will provide an update of this portion of the project by September 30, 2017 after design is completed. See Exhibit 10.	Completed; see CSC Requirement Number 12/23/16-05 below for follow-up actions.
1(e)	Water and sewer connection routes	Partial: temporary construction sewer line connection and other utilities included in Exhibit 9. Note that the status of the UI Exempt Modification request is included as Exhibit 11.	Permanent utility routing included (Exhibits 1 and 2)	Completed
1(f)	Status of site remediation in existing fuel tank area and remaining remediation work - Which areas of contamination will be inaccessible? - Layer showing contaminated soil locations	Remedial Action Plan Addendum included as Exhibit 6. Status of remediation implementation included as Exhibit 5. Unit 3 tank and unloader status included as Exhibit 4.	Status for remaining work will be included to document final soil placement locations. (Exhibits 7 and 8)	Open – PSEG anticipates submittal of final remediation status to the CT DEEP second Quarter of 2021 and to the CSC shortly thereafter. This condition also addresses remediation reporting related to CSC Exempt Modification EM-PSEG-015-160205 as noted in the 3Q2018 Quarterly Progress Report.
1(g)	Natural gas interconnection plan and gas compressor building design and location	N/A	Included (Exhibit 2)	Completed

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
1(h)	Final Erosion and Sediment Control Plans	Soil Erosion and Sediment Control Plans included in Exhibit 9 as noted in Exhibit 14. The USACE Jurisdictional Determination is included as Exhibit 13.	SESC plans included in Exhibit 2; they were previously provided in D&MP Phase 1 as well.	Completed
1(i)	Final stormwater design	N/A	Included (Exhibit 2)	Completed. D&MP Update No. 1 was filed in June 2017 and approved in July 2017 that included stormwater design revisions.
1(j)	Stormwater Pollution Protection Plan (SWPPP)	N/A	Included (Exhibit 15)	Completed; an updated BHS 5 Stormwater O&M Plan is complete and being submitted to Bridgeport Engineer and the integrated SWPPP has been updated and is available.
1(k)	Flood Mitigation Plan	N/A	Included (Exhibit 3)	Completed
1(l)	Final plans to demonstrate compliance with CT DEEP noise standards	N/A	Final Noise Study Report Included (Exhibit 14)	Completed
1(m)	Fuel storage and handling plan, including containment and spill protection measures	N/A	Spill Prevention Control and Countermeasures (SPCC) Plan included (Exhibit 18)	Completed; an update incorporating BHS 5 into the existing site SPCC Plan was completed and submitted to CTDEEP during a Marine Terminal inspection conducted on 10/8/2020.
1(n)	Containment measures for step-up transformer dielectric fluids and ULSD storage tank	N/A	Included (Exhibit 3)	Completed; secondary containment for the listed transformers have been completed as per plans submitted.
1(o)	Containment and/or protective measures for delivery and storage of hydrogen and aqueous ammonia	N/A	Included (Exhibits 3 and 20)	Completed; Note that D&MP Update No. 3 was filed with the CSC on February 28, 2019 and approved March 4, 2019.
1(p)	Backup generator design and containment measures for fuel, oil, and coolant	N/A	Included (Exhibit 3)	Completed: Vendor data included in Exhibit 4 of the May 2017 Monthly Progress Report No. 5.

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
1(q)	Dewatering plan to address groundwater issues during construction	N/A	Stormwater Pollution Control Plan for construction stormwater and dewatering included. (Exhibits 15 and 16)	Completed
1(r)	Detailed project schedules for all work activities and proposed typical construction days and hours	Partial: Schedule update Included as Exhibit 2 and permitting status included as Exhibit 3.	Work hours and schedule update included in Exhibits 3 and 6 respectively.	Completed
1(s)	Construction laydown area locations	Included in Exhibits 8 and 10 including access routings for high trucks. In addition, the plans for barge delivery of equipment and unloading are included as Exhibit 12.	See Exhibit 3 for an update regarding a lease agreement for an adjoining property	Complete: Submitted information in D&MP Phases 1 and 2 was updated in May 2017 Monthly Progress Report No. 5.
1(t)	Site security measures	Partial: site security for construction discussed in Exhibit 1.	Partial: Site security measures (Exhibit 3)	Completed
1(u)	Final FAA lighting design for the stack and any FAA crane determinations	N/A	Included (Exhibit 3)	Completed
1(v)	Decommissioning Plan as contingency plan, including infrastructure removal and site restoration plans	N/A	Included (Exhibit 19)	Completed
2	Submit FAA Determinations for temporary structures (cranes) and stack	N/A	N/A	Completed April 11, 2017 via memorandum to the CSC. Updated Determinations were included as Exhibit 4 of the 3Q2018 Quarterly Progress Report.
3	Submit local permits relative to the discharge of wastewater	N/A	N/A	Complete - Initially completed April 11, 2017 via memorandum to the CSC. The final CT DEEP Temporary Authorization and individual Pretreatment Permit for discharge of industrial wastewater to WPCA was submitted on June 12, 2019.

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
4	Submit final CT DEEP air emissions and water discharge permits	N/A	N/A	Complete - Initially completed April 11, 2017 via memorandum to the CSC. Updated NSR permits were provided in Exhibit 3 of the 2Q2018 Progress Report No. 12. The Title V Air Permit was included as Exhibit 3 of the 3Q2018 Quarterly Progress Report. The final CT DEEP Temporary Authorization and individual Pretreatment Permit for discharge of industrial wastewater to WPCA was submitted on June 12, 2019.
5	The use of natural gas as a fuel pipeline / system cleaning medium for construction or any future facility modification shall be prohibited.	N/A	N/A	Complete - PSEG notes this condition and will comply for any future facility modifications. The provisions of CSC Requirement Number 6 (below) address the specifics of compliance.
6	Submit the information included below in CSC requirement Numbers 6(i) to 6(viii) at least 15 days prior to fuel pipeline / system cleaning medium for construction or any future facility modification.*	N/A	N/A	Closed – information submitted to the CSC via memos on November 13, November 15, and November 21, 2018. CSC provided acknowledgment on November 28, 2018.
6(i)	Identification of cleaning media to be used	N/A	Not currently available.	Closed – see Condition 6.
6(ii)	Identification of any known hazards through use of selected cleaning media	N/A	Not currently available.	Closed – see Condition 6.
6(iii)	Description of how known hazards will be mitigated, including applicable state or federal regulations	N/A	Not currently available.	Closed – see Condition 6.
6(iv)	Identification and description of accepted industry practices or relevant regulations concerning proper use of such media	N/A	Not currently available.	Closed – see Condition 6.

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
6(v)	Detailed narratives/drawings showing location and procedures to be used during pipe cleaning process, including worker safety exclusion zones	N/A	Not currently available.	Closed – see Condition 6.
6(vi)	Identification of contractor or personnel performing work, including description of past project experience and level of training/qualifications necessary for work	N/A	Not currently available.	Closed – see Condition 6.
6(vii)	Contact information for special inspector (CT registered engineer with knowledge or experience with electric generating facilities) with written approval by local fire marshal and building inspector	N/A	Not currently available.	Closed – see Condition 6.
6(viii)	Certification of notice regarding pipe cleaning operations (Submitted to all state agencies listed in CGS §16-50j(g), Dept of Consumer Protection, Dept of Labor, Dept of Emergency Services and Public Protection, Dept of Construction Services, Dept of Emergency Management and Homeland Security, and local fire marshal)	N/A	Not currently available. An update will be provided one month prior to the start date for pipe cleaning.	Closed – see Condition 6.
7	Compliance with specific codes and standards for any fuel pipeline / system cleaning operations related to construction or any future facility modification, as applicable. (Note: the Codes and Standards are listed in the Decision and Order)	N/A	N/A	Closed – see Condition 6.
8(i) [†]	Description of results of simulated emergency response activities	N/A	Not currently available.	Closed – During construction safety was priority to keep the trades, or employees, ER personnel and the community safe through planning and involvement.

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
8(ii)†	Details of any facility site access system that accounts for all personnel entering and leaving the facility	N/A	Not currently available.	Closed – A summary of the Facility's personnel tracking system is provided in the 3Q2020 Quarterly Report for CSC documentation.
8(iii)†	Establishment of emergency responder/local community notification system for onsite emergencies and planned construction-related activities	N/A	Not currently available.	Closed – Multiple media formats for notification were used during construction as email update to the OEM and FD, the BHS5 website, phone calls, meeting, and hand delivered door flyers, and signage.
9	Unless otherwise approved by the Council, the facility must be constructed within five years of July 22, 2016 (by July 21, 2021) or re-approval by the Council is required.	N/A	N/A	Closed: PSEG has completed construction of the BHS 5 facilities as of December 31, 2020. PSEG has decided to defer ULSD commissioning. The revised date has yet to be determined.
10	Notify the Council within 45 days of the completion of construction.	N/A	N/A	Closed – PSEG is filing the notice of completion of construction concurrently with this Quarterly Report. PSEG also will provide the required Final Report within 180 days of construction completion.
11	Maintain the facility in a reasonable physical and operational condition consistent with the Decision and Order and the approved D&MPs.	N/A	N/A	Noted
12	Provide the Council with a minimum of 30 days written notice when the facility will cease operations.	N/A	N/A	Noted
13	Remit timely payments associated with annual assessments and invoices submitted by the Council.	N/A	N/A	Noted
14	Notify the Council of any change in ownership or contact information within 30 days of the sale and / or transfer.	N/A	N/A	Noted

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
15	Submit any request for extension as noted in CSC Requirement Number 9 (above) not later than 60 days prior to the expiration, including notice to specific parties and the service list.	N/A	N/A	Noted
16	The Declaratory Ruling may be transferred subject to being current with payments and an agreement to continue payments as required.	N/A	N/A	Noted
17	Retain a Special Inspector to assist the Fire Marshall to assure compliance with CGS §16-50ii	N/A	N/A	Closed – see Condition 6.
18	Deposit a fee into the Code Training Fund in accordance with CGS § 29-251c.	N/A	N/A	Closed – PSEG submitted documentation to the CSC on October 11, 2018.
	D&MP Phase 1 Conditions			
10/31/16-01	Use of off-road construction equipment that meet the latest EPA or California Air Resources Board standards, or in the alternative, equipment with the best available controls on diesel emissions, including but not limited to retrofitting with diesel oxidation catalysts, particulate filters and use of ultra-low sulfur fuel.			Completed: February 2017 Monthly Progress Report.
10/31/16-02	Compliance with the provisions of Section 22a-174-18(b)(3)(C) of the RCSA that limit the idling of mobile sources to 3 minutes.			Completed: February 2017 Monthly Progress Report.
10/31/16-03	The petitioner shall submit the specifications of the fill to the Council			Completed; December 2, 2016 response to Interrogatory CSC D&M-05.
	D&MP Phase 2 Conditions			

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
12/23/16-01	Same as 10/31/16-01 above			Completed: February 2017 Monthly Progress Report.
12/23/16-02	Same as 10/31/2016-02 above			Completed: February 2017 Monthly Progress Report.
12/23/16-03	Compliance with the reporting requirements under Section 16-50j-62 of the RCSA			Complete: Because construction was completed on December 31, 2020, this is the final Quarterly Report submission to the CSC.
12/23/16-04	The final modifications of the plant to accommodate the use of waste heat, if applicable, shall be submitted to the Council for review and approval.			Closed; see Exhibit 3 of 4Q2018 Quarterly Progress Report.
12/23/16-05	The final fuel dock rehabilitation plan shall be submitted to the Council for review and approval.			Closed: PSEG has made the decision defer further discussions to refurbish the existing oil dock to support fuel transfer operations. With the announcement that PSEG would begin the process of selling its fossil fleet, PSEG has elected not to move forward with a decision on the necessity to maintain the dock for the ULSD transfer operations.
12/23/16-06	The containment measures for the backup generator engine oil and coolant shall be submitted to the Council.			Completed: Vendor data included in Exhibit 4 of the May 2017 Monthly Progress Report No. 5
12/23/16-07	Prior to testing or start-up of the plant, the Certificate Holder shall submit to the council its final plans to comply with the recommendation and conditions relative to Council Docket No. NT-2010 and conditions (6i through 8iii) Council's Decision and Order for Petition No. 1218 relative to plant safety.			Closed – information submitted to the CSC via memos on November 13, November 15, and November 21, 2018. CSC provided acknowledgment on November 28, 2018.
12/23/16-undesignated	The Council recommends that PSEG consult with Council staff regarding dust control measures for materials delivered by barge.			Completed: June 2017 Monthly Progress Report.

**Connecticut Siting Council
 Bridgeport Harbor Station Unit 5 – Bridgeport, Connecticut
 Progress Report No. 22 – Fourth Quarter 2020**

CSC Requirement Number	CSC Requirement	D&M Plan Phase 1 Construction Support Facilities	D&M Plan Phase 2 BHS 5 Design	Subsequent Filing Report and Date Closure Status **
† Submittal of Emergency Response/Safety Plan developed in cooperation with all local public safety officials, DESPP, and other emergency response officials. ** Documents submitted to and from the CSC related to PE1218 are available on the CSC website at http://www.ct.gov/csc/cwp/view.asp?a=2397&q=578006				

NOTE: Additional information related to submittal plans to address CSC condition 8 (emergency response) is provided below:

Emergency response procedures (CSC Condition 8) are in place for both BHS 5 and the existing station. Coordination with City of Bridgeport Fire Marshal and emergency services is ongoing, and contact and response information has been updated.