3800-FM-BCW0487 Rev. 1/2021 Form Pennsylvania DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

CHEMICAL ADDITIVES NOTIFICATION FORM

Use this form to notify the DEP regional office that issued the NPDES permit of the new or increased use of chemical additives that were not reported in the NPDES permit application and are on DEP's Approved List (see www.dep.pa.gov/chemicaladditives). Use one form per chemical additive and discharge point.

Permittee Name	Constellation Energy Generation LLC		Facility Name:	CCEC			
Permit No.:	PA0009920		Municipality:	Londonderry Twp			
Permit Effective Date:	Nov 1, 2007		County:	Dauphin County			
Permit Expiration Date:	Administratively extended		county:	Baapiiii County			
Tomic Expiration Bato.	7 (011111111011101	ively extended					
Trade Name of Chemical	Additive:	Klaraid IC1172					
Manufacturer Name:		Veolia					
Intended Use(s):		Reverse Osmosis, deionized water, ultrafiltration treatment systems					
Location(s) of Use:		Reverse Osmosis, deionized water, ultrafiltration					
Frequency of Use:		as-needed					
Method of Introduction:		Manual					
Treatment Following Introduction:		N/A					
Discharge Point (Outfall No.):		001					
Design Flow of Discharge (MGD):		25.3					
Receiving Water Body Na	ame:	Susquehanna River					
		2,640 (USGS StreamStats- https://streamstats.usgs.gov/ss/ , Workpace ID					
Q ₇₋₁₀ Flow of Stream (cfs):		PA2024110719370	06422000)				
Calculated WQBEL (mg/L):		34.7					
Maximum Usage Rate:		17,570		Units: gallons per day			
Will Other Chemical Ad Introduced at the Same T		⊠ YES □] NO If YES, N	umber: <u>Varies; as-needed</u>			
I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Name/Title Principal Executive Officer		Phone: 734-934		Signature of Principal Executive Officer or Authorized Agent			
Clint R. Six / Vice President		Date: 18 Aug 20)25	12WV			

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Permittee Name:	Constellation Energy Generation LLC PA0009920 Nov 1, 2007 Administratively extended		Facility Name: Municipality: County:	CCEC									
Permit No.:				Londonderry Twp									
Permit Effective Date:				Dauphin County									
Permit Expiration Date:													
Trade Name of Chemical	Additive:	Sodium Hydroxide											
Manufacturer Name:		Univar											
Intended Use(s): Location(s) of Use: Frequency of Use: Method of Introduction: Treatment Following Introduction: Discharge Point (Outfall No.): Design Flow of Discharge (MGD):		pH Control - various Pre-treatment As-needed Pumped N/A 001 25.3											
							Receiving Water Body Name:		Susquehanna River				
							Q ₇₋₁₀ Flow of Stream (cfs): Calculated WQBEL (mg/L): Maximum Usage Rate:		2,640 (USGS StreamStats- https://streamstats.usgs.gov/ss/ , Workpace ID PA20241107193706422000)				
									3.39				
									1,717 Units: _gallons per day				
							Will Other Chemical Ac Introduced at the Same 1		⊠ YES □] NO If YES, N	umber: <u>Varies;</u> as-needed		
							system designed to assur inquiry of the person or p information, the informatio	e that qualifi persons who n submitted i nificant pena	ed personnel gathe manage the systen s, to the best of my alties for submitting	r and evaluate the n or those persons knowledge and bel false information,	on or supervision in accordance with a information submitted. Based on my directly responsible for gathering the ief, true, accurate and complete. I am including the possibility of fine and orn falsification).		
Name/Title Principal Execu	utive Officer	Phone: 734-934		Signature of Principal Executive Officer or Authorized Agent									
Clint R. Six / Vice President		Date: 18 Aug 20	25	Mad									

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Dames!44.c. Name	Constellation Energy		= '11' A1				
Permittee Name:	Generation LLC		Facility Name:	CCEC			
Permit No.:	PA0009920		Municipality:	Londonderry Twp			
Permit Effective Date:	Nov 1, 200		County:	Dauphin County			
Permit Expiration Date:	Administratively extended						
Total New York							
Trade Name of Chemical Additive:		Hypersperse MDC714		<u> </u>			
Manufacturer Name:		Veolia					
Intended Use(s):		Antiscalant for RO membranes					
Location(s) of Use:		Reverse Osmosis Unit					
Frequency of Use:		For 24 hours at a time for 1-2 days per month					
Method of Introduction:		Pumped					
Treatment Following Introduction:		N/A					
Discharge Point (Outfall No.):		001					
Design Flow of Discharge (MGD):		25.3					
Receiving Water Body Name:		Susquehanna River					
		2,640 (USGS StreamStats- https://streamstats.usgs.gov/ss/ , Workpace ID					
Q ₇₋₁₀ Flow of Stream (cfs):		PA20241107193706422000)					
Calculated WQBEL (mg/L):		3,645					
Maximum Usage Rate:		125,757		Units: gallons per day			
Will Other Chemical Additives Be Introduced at the Same Time? YES NO If YES, Number: Varies; as-needed							
I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Name/Title Principal Execu	utive Officer	Phone: <u>734-934-</u>		Signature of Principal Executive Officer or Authorized Agent			
Clint R. Six / Vice President		Date: 18 Aug 202	25	1/274/			