

Statement of Basis For Title V Permit

Company Name	DP&L, Tait Generating Station (Tait II)	
Premise Number	0857042072	
Number of Non-insignificant Emissions Units	3	
What makes this facility a Title V facility?	Potential emissions of carbon monoxide and nitrogen oxides.	
Has each insignificant emissions unit been reviewed to confirm it meets the definition in 3745-77-01 (U)?	N/A	

Part II (State and Federally Enforceable Requirements)			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
N/A			

- **Instructions for Part II:**

Each paragraph in Part II must be identified and the remainder of the table completed. If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an “N” in the column under “SIP.” If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a “Y” should be noted in the “Other” column, and if not, an “N” should be noted. Whether the basis for the term and condition is the “SIP” or “Other,” an explanation of each term and condition in Part II must be provided in the “Comments” section.

- If there were any “common control” issues associated with this facility, after the table for Part II, provide a summary of those issues and explain how the DAPC decided to resolve them.

Part III (Requirements Within the State & Federally Enforceable Section)

EU(s)	Limitation	Basis		OR	M	R	Rp	ET	Misc	Comments
		SIP (3745-)	Other							
B001 through B003	PM/PM10 8 lbs/hr & .0072 lb/mmBtu (natural gas)	N	40 CFR Part 52.21	Y	Y	Y	Y	N	N	OR - These are inherently clean emissions units based upon our knowledge and experience in regulating these types of emissions units. The emissions units shall only be fired with natural gas or No. 2 fuel oil. Appropriate M, R, and Rp requirements have been specified for the OR. ET - Due to the negligible amount of particulates generated when firing natural gas no emission testing is required.
B001 through B003	PM/PM10 15 lbs/hr & .013 lb/mmBtu (#2 fuel oil)	N	40 CFR Part 52.21	Y	Y	Y	Y	Y	N	OR - These are inherently clean emissions units based upon our knowledge and experience in regulating these types of emissions units. The emissions units shall only be fired with natural gas or No. 2 fuel oil. Appropriate M, R, and Rp requirements have been specified for the OR. ET - If required, Method 5 shall be employed to demonstrate compliance with these emission limitations.
B001 through B003	PM/PM10 15.5 tons/yr (all fuels)	N	40 CFR Part 52.21	Y	Y	Y	Y	N	N	OR - These are inherently clean emissions units based upon our knowledge and experience in regulating these types of emissions units. The emissions units shall only be fired with natural gas or No. 2 fuel oil. Appropriate M, R, and Rp requirements have been specified for the OR. ET - Emission testing is not necessary to demonstrate compliance with this limitation.
B001 and B002	NOx 113 lbs/hr & 25 ppmvd @ 15% O (natural gas)	N	40 CFR Part 52.21	N	Y	Y	Y	Y	N	Compliance with the ppm emission limitation shall be based upon the data from the continuous nitrogen oxides monitoring system. ET - If required, Method 7 or 7E and the procedures specified in Method 20 shall be employed to demonstrate compliance with the lbs/hr emission limitation.
B001 through B003	NOx 195 lbs/hr & 42 ppmvd @ 15% O (#2 fuel oil)	N	40 CFR Part 52.21	N	Y	Y	Y	Y	N	Compliance with the ppm emission limitation shall be based upon the data from the continuous nitrogen oxides monitoring system. ET - If required, Method 7 or 7E and the procedures specified in Method 20 shall be employed to demonstrate compliance with the lbs/hr emission limitation.
B003	NOx 62 lbs/hr & 15 ppmvd @ 15% O (natural gas)	N	40 CFR Part 52.21	N	Y	Y	Y	Y	N	Compliance with the ppm emission limitation shall be based upon the data from the continuous nitrogen oxides monitoring system. ET - If required, Method 7 or 7E and the procedures specified in Method 20 shall be employed to demonstrate compliance with the lbs/hr emission limitation.
B001 and B002	NOx 132 tons/yr as rolling, 365-day (all fuels)	N	40 CFR Part 52.21	N	Y	Y	Y	N	N	ET - Emission testing is not necessary to demonstrate compliance with this limitation. Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.

B003	NOx 110 tons/yr as rolling, 365-day (all fuels)	N	40 CFR Part 52.21	N	Y	Y	Y	N	N	ET - Emission testing is not necessary to demonstrate compliance with this limitation. Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.
B001 and B002	CO 2000 lbs/hr (max. 1-hr)	N	40 CFR Part 52.21	N	Y	Y	Y	Y	N	Compliance with this emission limitation shall be based upon the data from the continuous carbon monoxide monitoring system. ET - If required, Method 10 shall be employed to demonstrate compliance with this emission limitation.
B001 and B002	CO 1700 lbs/hr as 30-day avg. (natural gas)	N	40 CFR Part 52.21	N	Y	Y	Y	N	N	Compliance with this emission limitation shall be based upon the data from the continuous carbon monoxide monitoring system. ET - Emission testing is not necessary to demonstrate compliance with this limitation. Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.
B001 and B002	CO 350 lbs/hr as 30-day avg. (# 2 fuel oil)	N	40 CFR Part 52.21	N	Y	Y	Y	N	N	Compliance with this emission limitation shall be based upon the data from the continuous carbon monoxide monitoring system. ET - Emission testing is not necessary to demonstrate compliance with this limitation. Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.
B003	CO 175 lbs/hr (max. 1-hr)	N	40 CFR Part 52.21	N	Y	Y	Y	Y	N	Compliance with this emission limitation shall be based upon the data from the continuous carbon monoxide monitoring system. ET - If required, Method 10 shall be employed to demonstrate compliance with this emission limitation.
B003	CO 75 lbs/hr as 30-day avg. (natural gas)	N	40 CFR Part 52.21	N	Y	Y	Y	N	N	Compliance with this emission limitation shall be based upon the data from the continuous carbon monoxide monitoring system. ET - Emission testing is not necessary to demonstrate compliance with this limitation. Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.
B003	CO 150 lbs/hr as 30-day avg. (# 2 fuel oil)	N	40 CFR Part 52.21	N	Y	Y	Y	N	N	Compliance with this emission limitation shall be based upon the data from the continuous carbon monoxide monitoring system. ET - Emission testing is not necessary to demonstrate compliance with this limitation. Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.
B001 through B003	CO 160.8 tons/yr as rolling, 365- day (each unit)	N	40 CFR Part 52.21	N	Y	Y	Y	N	N	Compliance with this emission limitation shall be based upon the data from the continuous carbon monoxide monitoring system. ET - Emission testing is not necessary to demonstrate compliance with this limitation. Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.

B001 through B003	CO 160.8 tons/yr as rolling, 365- day (all units)	N	40 CFR Part 52.21	N	Y	Y	Y	N	N	Compliance with this emission limitation shall be based upon the data from the continuous carbon monoxide monitoring system. ET - Emission testing is not necessary to demonstrate compliance with this limitation. Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.
B001 through B003	VOC 10 lbs/hr & 15 tons/yr	31-05	N	Y	Y	Y	Y	Y	N	OR - Natural gas and No. 2 fuel oil usage restrictions. In addition, the emissions units shall not fire No. 2 fuel oil during the ozone season. Appropriate M, R, and Rp requirements have been specified for the OR. ET - If required, Method 25A shall be employed to demonstrate compliance with the lbs/hr emission limitation. Compliance with the tons/yr limitation shall be based upon the records required pursuant to Section A.III.
B001 through B003	SO2 .022 lb/mmBtu & 12.4 tons/yr	31-05	N	Y	Y	Y	Y	Y	N	OR - Natural gas and No. 2 fuel oil usage restrictions. In addition, the maximum sulfur content of the fuels fired in these units shall not exceed .02%, by weight. Appropriate M, R, and Rp requirements have been specified for the OR. ET - If required, Method 6C shall be employed to demonstrate compliance with the lb/mmBtu emission limitation. Compliance with the tons/yr limitation shall be based upon the records required pursuant to Section A.III.
B001 through B003	N/A	N	40 CFR Part 75	N	Y	Y	Y	N	Y	See Section A.III for the specific monitoring and record keeping requirements and Section A.IV for the specific reporting requirements associated with this applicable requirement. ET - Emission testing is not required in this permit. Annual RATAs performed pursuant to the Title IV permit. Misc. - Requirement to maintain QA/QC plan on site for nitrogen oxides and sulfur dioxide continuous monitoring systems.
B001 through B003	N/A	16-02	N							See Section A.I.2.b for the specific requirement associated with this rule.
B001 through B003	20% opacity as a 6- minute average	17-07 (A)	N	Y	Y	Y	Y	Y	N	OR - These are inherently clean emissions units based upon our knowledge and experience in regulating these types of emissions units. The emissions units shall only be fired with natural gas or No. 2 fuel oil. Appropriate M, R, and Rp requirements have been specified for the OR.
B001 through B003	N/A	17-11 (B)(4)	N							The emission limitation(s) from this rule is (are) less stringent than the emission limitation(s) established pursuant to 40 CFR Part 52.21 and/or OAC rule 3745-31-05.
B001 through B003	N/A	18- 06(E)	N							The emission limitation(s) from this rule is (are) less stringent than the emission limitation(s) established pursuant to 40 CFR Part 52.21 and/or OAC rule 3745-31-05.
B001 through B003	N/A	21- 08(B)	N							The emission limitation(s) from this rule is (are) less stringent than the emission limitation(s) established pursuant to 40 CFR Part 52.21 and/or OAC rule 3745-31-05.

B001 through B003	N/A	23-06(B)	N							The emission limitation(s) from this rule is (are) less stringent than the emission limitation(s) established pursuant to 40 CFR Part 52.21 and/or OAC rule 3745-31-05.
B001 through B003	N/A	N	40 CFR Part 60, Subpart GG							The emission limitation(s) from this rule is (are) less stringent than the emission limitation(s) established pursuant to 40 CFR Part 52.21 and/or OAC rule 3745-31-05.

EU = emissions unit id

OR = operational restriction

M = monitoring requirements

R = record keeping requirements

Rp = reporting requirements

ET = emission testing requirements (not including compliance method terms)

Misc = miscellaneous requirements

• **Instructions for Part III:**

- All non-insignificant EUs must be included in this table. For each EU, or group of similar EUs, each emission limitation and control requirement specified in section A.I.1 and A.I.2 of the permit must be identified and the remainder of the table completed.
- If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an “N” in the column under “SIP.” If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a “Y” should be noted in the “Other” column, and if not, an “N” should be noted. If the basis for the term and condition is “Other,” an explanation of the basis must be provided in the “Comments” section.

To complete the remainder of the table after “Basis,” except for the “Comments” section, simply specify a “Y” for yes or an “N” for no. For each column where “N” is specified, there should be a brief explanation in the “Comments” section. Also, if a “Y” is noted under “OR” or “Misc,” an explanation of the requirements should be provided in the “Comments” section. In addition to a general explanation of the “OR” and/or “Misc,” the following should be provided:

1. For an operational restriction, clarify if appropriate monitoring, record keeping, reporting requirements have been specified for the operational restriction and indicate whether or not CAM is currently applicable.
 2. If a control plan and schedule is included in the “Miscellaneous Requirements” section of the permit, provide an explanation in the “Comments” section of the violation, basis for the violation, and the company’s proposed control plan and schedule.
 3. If superseding language is included in the “Miscellaneous Requirements” section of the permit, explain which requirements are being superseded and which requirements are being superseded on the State-only side of the permit and why they are on the State-only side.
- Any unusual requirements or aspects of the terms and conditions in Part III that are not self-explanatory should be explained in a paragraph following the table for Part III.