

## AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION

## UNDER THE CLEAN ENVIRONMENT ACT

RE: THE CLEAN ENVIRONMENT COMMISSION and the DEPARTMENT OF PUBLIC WORKS, Applicant,

## WHEREAS

pursuant to the provisions of the Clean Environment Act, the Department of Public Works submitted an application to The Clean Environment Commission in connection with the operation of a powerhouse with associated emissions to the atmosphere, the said powerhouse being located at or near 219 Memorial Boulevard in the City of Winnipeg, Manitoba;

## AND WHEREAS

no representation was made to the said Commission by any person who is or who is likely to be affected by an Order of the Commission prescribing limits in connection with the said operation;

## AND WHEREAS

the Commission considered the application on the 29th day of September, 1977;

## IT IS HEREBY ORDERED THAT

1. The Applicant shall ensure that on and after the 1st day of June, 1978:
  - (a) the combined products of combustion from the three boilers are not in excess of 0.23 grams per standard cubic meter of dry flue gas calculated at 25 degrees Celsius and 760 millimeters of mercury corrected to a carbon dioxide content of 12 per centum by volume at the point of emission;
  - (b) the combined sulfur dioxide emission from the three boilers are not in excess of 0.8 pounds per million BTU heat input\*;
  - (c) the combined nitrogen oxides emission from the three boilers are not in excess of 0.3 pounds per million BTU heat input\*;

*assigned to wpe  
7/11/25 eBofci*

Continued . . .

1. (d) at maximum points of impingement, downwind ground level concentrations of the following air contaminants are not in excess of the limits listed below:

<u>Name of Contaminant</u>	<u>Period of Time Contaminant is Measured</u>	<u>Maximum Acceptable Level (micrograms per cubic meter of air)</u>
(i) Sulfur dioxide (SO <sub>2</sub> )	1 hour average	900
	24 hour average	300
	annual arithmetic mean	60
(ii) Nitrogen oxides as nitrogen dioxide (NO <sub>2</sub> )	1 hour average	400
	24 hour average	200
	annual arithmetic mean	100
(iii) Hydrocarbons as methane (CH <sub>4</sub> )	3 hour average	160

Order No. 755

Dated at the City of Winnipeg

this 23rd day of November, 1977.

  
 Chairman,  
 The Clean Environment Commission.

C-b-4

- \* "Heat input" means the amount of heat potential supplied to the said operation calculated on the basis of the quantity of fuel burned and on a laboratory determination of the heat-producing capability of the said fuel.

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