

ITEM	10
MANAGER'S REPORT NO.	4
COUNCIL MEETING	1978 01 16

Re: CHEVRON CANADA LIMITED
APPLICATION FOR MODIFICATIONS TO SPLITTER/MEROX
P.P.A. #4419
LOT "F", EXCEPT PL. 3238 & INCL. R.P. 13504 & EXC. PTN. ON
FILING A 3775 & EXP. PL. 49497, D.L. 188/189, PLAN 13496

Following is a report from the Director of Planning regarding an application for modifications to facilities at the Chevron Refinery.

This is for the information of Council.

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1978 January 10

TO: MUNICIPAL MANAGER
FROM: DIRECTOR OF PLANNING
SUBJECT: CHEVRON CANADA LIMITED
APPLICATION FOR MODIFICATIONS TO SPLITTER/MEROX
P.P.A. #4419
Lot "F" except Pl. 3238 & incl. R.P. 13504 & exc. Ptn. on
Filing A 3775 & exp. Pl. 49497, D.L. 188/189, Pl. 13496

An application has been received from Chevron Canada Limited for modifications to a portion of the Light Product Treating facilities at the Chevron Refinery. The modifications are to be made to a component of the plant which was approved as part of the expansion and modernization program approved in principle by Council on 1974 January 14. This report is being presented to Council in view of its interest in being advised of developments connected with oil refineries in this Municipality and in view of the fact that the modifications proposed lie beyond the parameters of the original modernization proposal.

The Splitter/Merox was approved on 1975 February 04 under P.P.A. # 2940, and is a facility which uses specialty feed stocks (desulphurized light oil and treated condensate) (Kaybob) from Alberta. As reported to Council on 1977 July 18, the use of such feed stocks in conjunction with the splitter has allowed the refinery to utilize low-sulphur feed stocks rather than depend on crude oil, and to defer construction of an expanded crude unit at this time. The result has been a reduction in air pollution products as compared to the refining of crude.

The modifications that are proposed involve an extension of the existing column (from 21.34 m in height to 27.43 m) an additional pump, 2 heat exchangers and an additional small treating column. The facilities are located within the splitter unit on the north side of the refinery site, and are lower in profile than the other major components surrounding. The processing system is a "completely closed" system which means that there will be no emissions to the atmosphere or increased liquid effluents as a result of the proposed modifications. There will be no increase in throughput capacity of the plant, and we are advised that all equipment to be used will be designed to conform to the noise level standards of the Municipality such that there will be no increase in noise output from the plant. The modifications will

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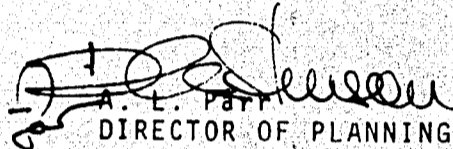
allow the Refinery to more efficiently separate the Splitter/Merox feed stocks from other products which are carried through the Trans Mountain Pipeline, thereby improving efficiency in the production of gasoline and diesel products.

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As these modifications are refinements to a component that has been approved under the approved modernization and expansion program, and as there is neither an increase in throughput capacity nor emissions involved, the issuance of P.P.A. is warranted, subject to the satisfaction of all normal requirements including conformance to pertinent requirements of the noise by-law and approval of the Fire Prevention office, the G.V.R.D. Air Quality Control section and the Pollution Control Branch.

Unless otherwise directed by Council, the Planning Department proposes to issue Preliminary Plan Approval #4419 subject to the conditions mentioned above.

This is for the information of Council.


A. L. PATTI
DIRECTOR OF PLANNING

DGS/sam

cc: Chief Public Health Inspector