

~~RESTRICTED~~ Pacific Southwest Region

HOLMES & NARVER, Inc.

405900

ENGINEERS

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TO: C. L. Coray JOB: 884

FROM: D. T. Robbins RE: Lubricating Oil for CMR Diesel Engines

DATE: 25 February 1953

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Please disregard the recommendation in my memo of February 18 that lubricating oil similar to RPM Delo "Special" be used in place of the Navy Specification 9370 oil now being used in the General Motors Model 278 Diesel engines installed in the CMR power plant.

Since writing the memo of February 18, Mr. Escher has had further contact with Mr. Baker of National Metal & Steel Corp. regarding the proper lube oil to use. Mr. Baker has now obtained the recommendation from Mr. Pete Thatcher, fuel and lubricant engineer for Standard Oil Company of California, that we use RPM Delo Supercharged No. 1 oil, SAE 40 grade, in place of the Navy Specification 9370 oil.

This recommendation was confirmed in Mr. Baker's letter of February 24, a copy of which was handed to Mr. Coray today by Mr. Escher. Mr. Baker and Mr. Thatcher confirmed this recommendation in a meeting with Mr. Escher today in our office. Mr. Coray and Mr. Carl also attended this meeting.

During this meeting Mr. Thatcher suggested that, instead of using a lighter weight of RPM Delo oil to purge the engines, as suggested in Mr. Baker's letter of February 24, we use a combination of 25% Diesel fuel oil and 75% Navy Specification 9370 oil. This will be considerably cheaper than using Delo for purging, and according to Mr. Thatcher will be just as satisfactory. Mr. Thatcher suggested also that, if the combination of oils be used for purging, the engine be idled for 15 minutes at normal operating temperatures instead of the 5 minute period suggested in Mr. Baker's letter.

It is recommended that sufficient lubricating oil, of a type and grade similar to RPM Delo Supercharged No. 1, SAE 40 grade, be sent to the jobsite to provide for an initial charge for all three engines and to provide sufficient makeup oil for a 60-day period.

DTR:WFE:lbc  
 cc: Constr-Oper.Div.  
 Project Engr.File x  
 W.F.Escher  
 Engineering File-884  
 816 Reading Room (2)

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: <i>W. F. Escher</i> 7/23/94	DETERMINATION (CIRCLE NUMBER(S))
REVIEWER (RFD): <i>W. F. Escher</i>	1. CLASSIFICATION RETAINED
NAME: <i>W. F. Escher</i>	2. CLASSIFICATION CHANGED TO:
DATE: <i>7/23/94</i>	3. CONTAINS NO DOE CLASSIFIED INFO
	4. COORDINATE WITH:
	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED

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