

Docket File 50-323 O.L.

MF:FCL#1:JCD  
70-1733

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MF:FCL#1: R/F  
NMSS R/F  
IE Hqts (2)  
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OParr (RL)  
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ELD (Tourtellotte)

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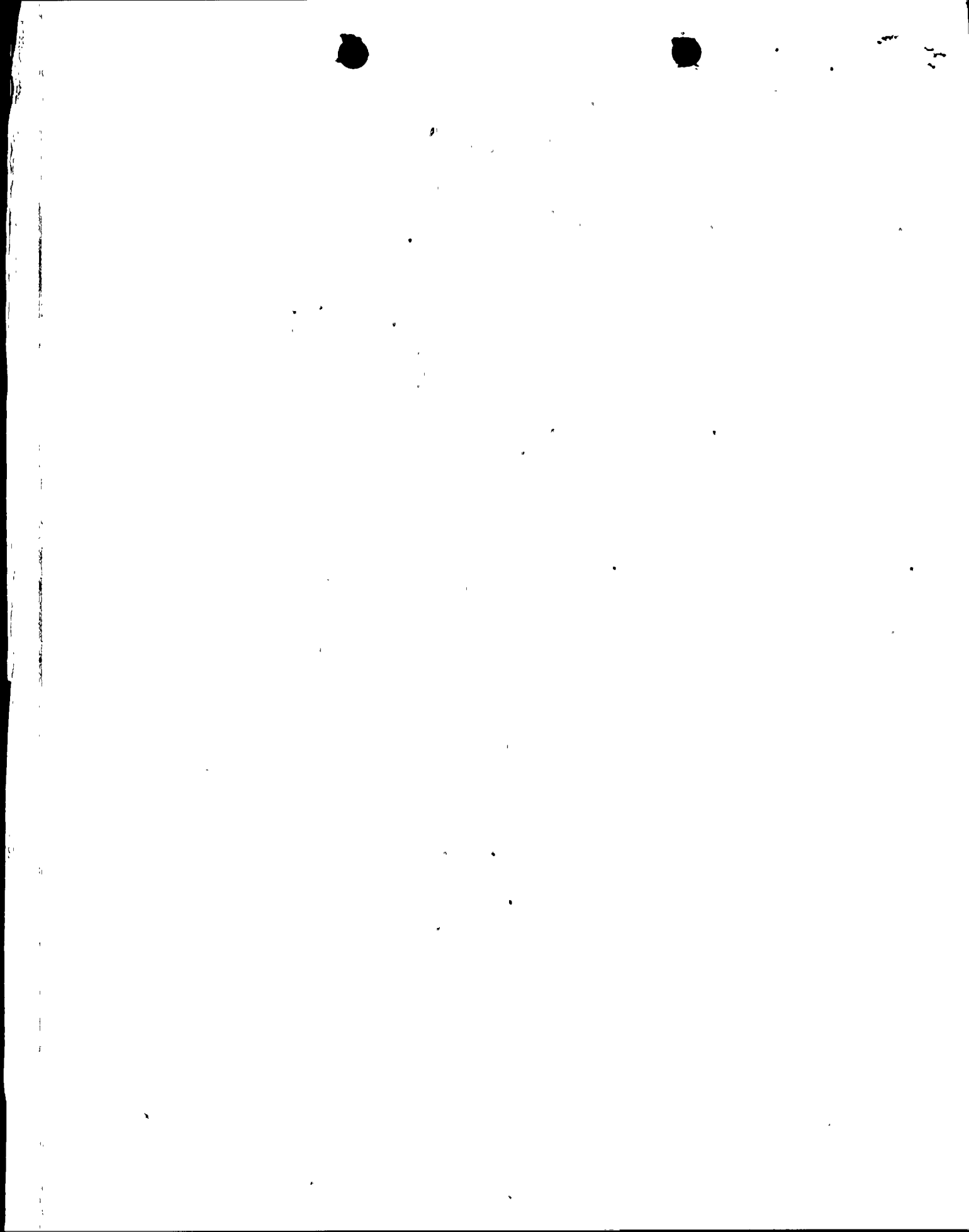
Gentlemen:

This refers to your application transmitted by letter dated July 22, 1974, for a license to receive special nuclear and byproduct materials for the Diablo Canyon Power Plant Unit 1, and to the supplements thereto consisting of revised pages dated April 15, and June 2, 1975.

The application indicates that about one-third of the Unit 1 fuel assemblies will be stored in the new fuel storage area and that the remainder of the assemblies will be stored in the spent fuel storage pool, which will be kept dry during storage of the new fuel. The application further states that the new fuel storage facilities are designed to prevent criticality, even if the fuel assemblies should be immersed in unborated water, by maintaining the proper spacing between fuel elements. In addition, your FSAR states that they are designed to withstand a Safe Shutdown Earthquake. The spent fuel storage facilities, which would be used to store part of the initial shipment of new fuel, are also designed to meet these requirements. However, in the case of Diablo Canyon, the staff's evaluation of Geology and Seismology is not complete. In order to continue our review under these circumstances, we will need to know what additional steps you propose to take to assure that the stored fuel will not achieve criticality, assuming that structural failure of the storage facilities leading to flooding and loss of spacing between fuel assemblies might occur. Your analysis should clearly demonstrate that the storage provisions are adequate to protect health and to minimize danger to life or property under these conditions. Any alternate storage methods or provisions you might wish to propose will receive our immediate consideration.

LL

OFFICE >						
SURNAME >						
DATE >						



Please also confirm that the industrial security provisions described in Section 13.7 of the FSAR will be in effect at the time a storage license may be issued.

If you have any questions regarding these matters, we will be pleased to discuss them with you.

Sincerely,

Original Signed By  
Leland C. Rouse

L. C. Rouse, Chief  
Fuel Cycle Licensing Branch 1  
Division of Materials and  
Fuel Cycle Facility Licensing

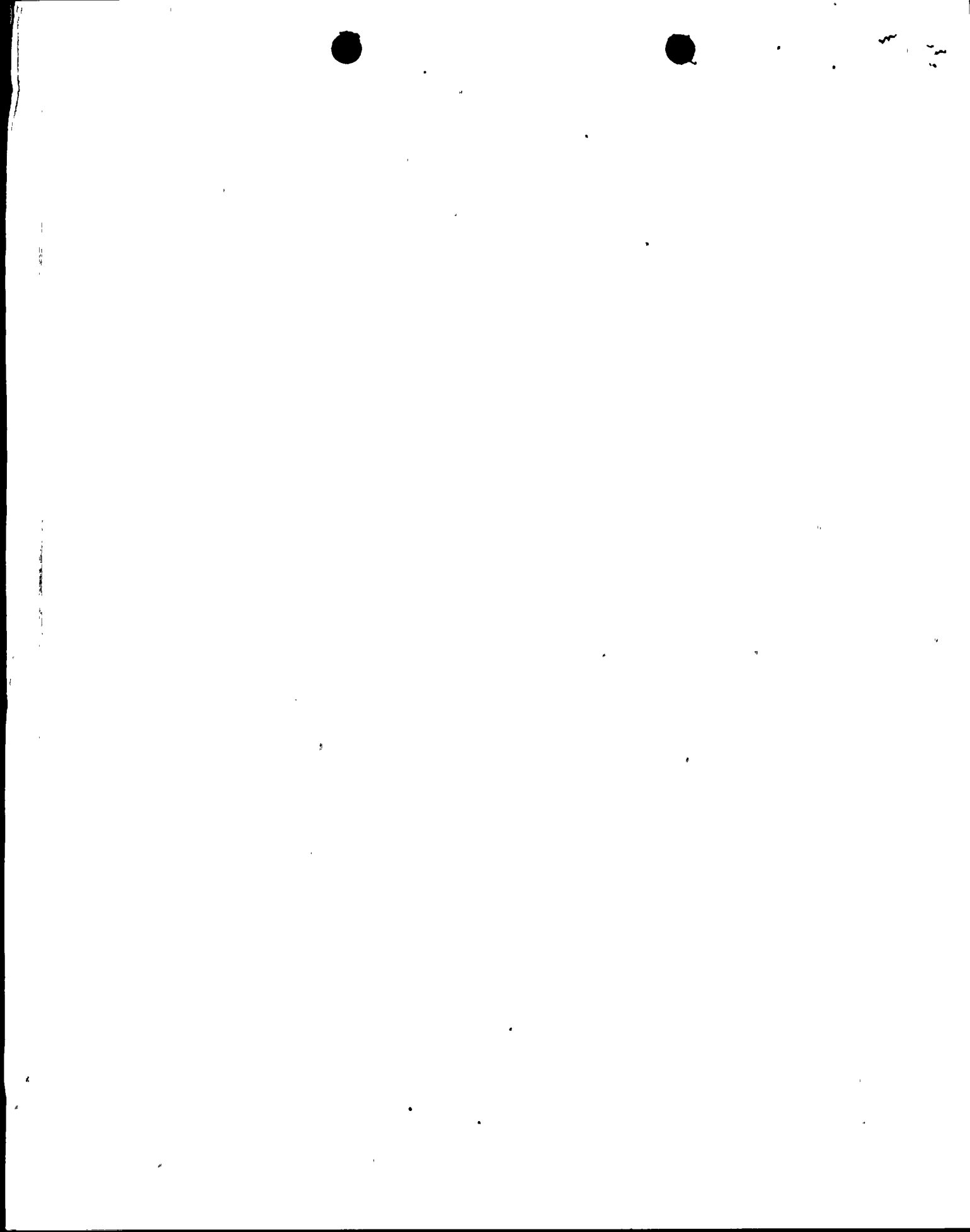
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Service List

LWA1-3  
DPALLISON

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~~XXXXXXXXXX~~ [Signature]

OFFICE →	MF: FCL#1	MF: FCL#1	RL	ELD [Signature]	
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DATE →	6/16/75	6/17/75	6/16/75	6/16/75	



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