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UNITED NUCLEAR CORP. REQUEST OF SEPTEMBER 20, 1962 TO AMEND
LICENSE SH-33 - DOCKET 70-36

We have reviewed the subject application requesting approval of temporary storage plans for low enriched uranium compounds.

We require additional information in order to determine that the proposed storage arrangements will be safe from accidental criticality. First, please request the applicant for provisions which will be taken to guard against dislocation of the storage arrays by vehicles or forklift trucks. Second, we require an evaluation of neutron interaction between the proposed storage arrays and processing equipment at the various areas in which inside floor storage is proposed.

We understand that the storage procedures proposed by this application are to be considered temporary, in order to accommodate the present unusually large inventory of low enriched special nuclear material. While we can not determine that the proposed arrangements are unsafe, these plans do require administrative procedure to assure maintenance of the spacing. Furthermore, in our opinion, these storage arrangements are not in accord with good manufacturing practices. It seems appropriate that United Nuclear be requested to furnish plans for improving the storage situation, if possible, furnishing a time limit within which appropriate storage procedures can be developed.

DLR:MS:CEB

CDLuke/vj

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