

70-820

2pgs

UNITED STATES GOVERNMENT

# Memorandum

TO : Files

DATE: August 25, 1964

FROM : Charles D. Luke, Chief  
Criticality Branch  
Division of Materials Licensing

*CDL*

SUBJECT: UNITED NUCLEAR CORPORATION INCIDENT - MEETING OF AUGUST 24, 1964

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UNC Representatives:	J. A. Lindberg	AEC Representatives:	M. M. Mann
	E. B. White		L. Johnson
	W. L. Allison		L. Dubinski
			R. Chitwood
			D. Nussbaumer
			C. D. Luke

The meeting concerned the letter of August 18, from Mr. Lindberg outlining procedures for determining a special nuclear material balance on the scrap recovery plant. Comments and questions were as follows:

- 3.B. Allison said he did not think that solution containers on the floor were included.
4. ADU - Question re proper labeling of all bottles. UNC stated that labels were taped on, with tape completely around the plastic bottles. UNC acknowledged that color code specified red labels with full enrichment.
- 5.A(7) How many bottles at a time would be in the sampling area? Lindberg: UNC plans only one storage bottle in the sampling area at any one time. UNC plans to feed these materials into the process when they have been authorized to start-up.
- 5.B. The 55-gallon drums were all cadmium poisoned except for 2 or 3 (flow washings and ect.) which may not be so poisoned.
6. With regard to solutions now in over-head tanks, Dr. Mann asked if there were any two-phase solutions. UNC said they did not know. Dr. Mann: What are the administrative procedures for carrying out this operation? Lindberg: UNC has a detailed plan but he has not seen it. Dubinski: Asked for assurance that there would be no hazardous neutron interaction between a precipitation tank and 11 liter bottle.
- 7.A., B., C. Reference to 6.A(1) indicates that solutions from the evaporator, precipitator and pulse columns would all end up in the precipitate tank. UNC - precipitate tank would not hold it all. Lindberg: Will tank to his people and furnish further information.
8. Okay.



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Dr. Mann suggested that we need a "plan of operations", not detailed operating procedures.

Dr. Mann: Once you have decontaminated and determined the special nuclear material inventory according to plan, what are your plans with regard to starting up production? Allison: This is covered in the report we brought in to Mr. Harold L. Price today.

cc: D. A. Nussbaumer, ML  
R. H. Odegarden, ML