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MANGAN, C. V. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION
ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Submits info to satisfy requirements imposed by 850530 SER for acceptance by ref of NUS Topical Rept PS-53-0378, Rev 0 re radwaste solidification sys. Location & arrangement drawing of NUS sys encl.

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	HAUGHEY, M	01	2	2	BWR PSB		1	1
	BWR RSB		1	1				
INTERNAL:	ACRS	41	6	6	ADM/LFMB		1	0
	ELD/HDS3		1	0	IE FILE		1	1
	IE/DEPER/EPB	36	1	1	IE/DQAVT/QAB	21	1	1
	NRR BWR ADTS		1	0	NRR PWR-A ADTS		1	0
	NRR PWR-B ADTS		1	0	NRR ROE, M. L		1	1
	NRR/DHFT/HFIB		1	1	NRR/DHFT/MTB		1	1
	REG FILE	04	1	1	RGN1		3	3
	RM/DDAMI/MIB		1	0				
EXTERNAL:	24X		1	1	BNL(AMDTS ONLY)		1	1
	DMB/DSS (AMDTS)		1	1	LPDR	03	1	1
	NRC PDR	02	1	1	NSIC	05	1	1
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ADENSAM,E.G. BWR Project Directorate 3

SUBJECT: Submits info to satisfy requirements imposed by 850530 SER for acceptance by Tech Spec Topical Rept PS-53 03/8,Rev 0 re radwaste solidification sys.Location & organization drawing of NUS sys encl.

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	HAUGHEY,M	01	2	2	BWR PSB		1	1
	BWR RSB		1	1				
INTERNAL:	ACRS	41	6	6	ADM/LFMB		1	0
	FILE/IDES		1	0	IE FILE		1	1
	IE/DEPER/EPB	36	1	1	IE/DOAVT/OAD	21	1	1
	NRR BWR ADTS		1	0	NRR PWR-A ADTS		1	0
	NRR PWR-B ADTS		1	0	NRR ROE,M L.		1	1
	NRR/DHFT/HFIB		1	1	NRR/DHFT/MTB		1	1
	PEG FILE	04	1	1	RGN1		3	3
	RM/DDAMI/MIB		1	0				
EXTERNAL:	24X		1	1	BNL(AMDTS ONLY)		1	1
	DNB/DSS (AMDTS)		1	1	LPDR	03	1	1
	NRC PDR	02	1	1	NSIC	05	1	1
	PNL GRUEL,R		1	1				

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

May 19, 1986
(NMP2L 0719)

Ms. Elinor G. Adensam, Director
BWR Project Directorate No. 3
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Washington, DC 20555

Dear Ms. Adensam:

Re: Nine Mile Point Unit 2
Docket No. 50-410

My letter of April 11, 1986 (NMP2L 0689) stated that Niagara Mohawk Power Corporation intends to use the contract services of NUS Process Services Corp. to solidify wastes on an interim basis. As described in the Final Safety Analysis Report (Section 11.4.3.3), this radwaste backup system provides an alternate method for the solidification of spent resin/filter sludge and evaporator bottoms by a mobile, truck-mounted solidification system which would be temporarily located in the radwaste building truck bay.

The following specific information is provided for use in the Nuclear Regulatory Commission's review and approval process:

1) The NUS System will be used in full compliance with the Nuclear Regulatory Commission approved Topical Report (Licensing Topical Report PS-53-0378 Rev. 0, "NUS Process Services Corporation Topical Report on Radwaste Solidification System") and the Safety Evaluation Report based on the review of that topical report by EG&G Idaho, Inc. and the Meteorology and Effluent Treatment Branch, DSI, NRR. The evaluation was enclosed in a letter dated May 30, 1985, to Mr. Raymond H. J. Powell of NUS Process Services from Mr. Cecil O. Thomas, Chief of the Standardization and Special Projects Branch.

   There will be no exceptions or deviations from the above topical report and the NUS response to the Nuclear Regulatory Commission licensing review questions dated July 9, 1984 and April 2, 1985.

B001
1/8

2) Interfaces between the plant and the NUS system are discussed in Section 11.4.3.3 and shown in Figure 11.4-1h of the Final Safety Analysis Report. (The pipe sizes given in items 2 and 3 of Section 11.4.3.3 are incorrect: the pipe size in item 2 should be 1-1/2 inches, rather than 2 inches; and that in item 3 should be 2 inches, rather than 1-1/2 inches. These errors will be corrected in a subsequent amendment.)

3) A location and arrangement drawing of the NUS system is enclosed as Attachment 1.

4) The Nine Mile Point Unit 2 waste classification will be performed consistent with the guidance provided in the Nuclear Regulatory Commission Branch Technical Position on Waste Classification and is based upon the concentration of certain radionuclides in the waste form as given in 10 CFR Parts 61.55 and 61.56.

   The method utilized and the frequency for determining the radionuclide concentration of the final waste form is in accordance with Nine Mile Point Unit 2 procedure for "Solid Radwaste Chemical Surveillance," N2-CSP-14. Classification will be performed in accordance with the procedure RP-6, "Packaging and Transportation of Radioactive Material." Copies of these two procedures were sent to you for review with my letter of January 17, 1986 (NMP2L 0587).

5) The specific characteristics and volumes of "wet" radioactive waste to be processed by the NUS System are presented in Table 11.4-1 of the Final Safety Analysis Report.

6) The NUS Radwaste System will meet the requirements as specified in Section 11.4 and Appendix 11A of the Final Safety Analysis Report. Therefore, the plant will meet the criteria of Appendix I to 10 CFR 50 with the NUS System in operation.

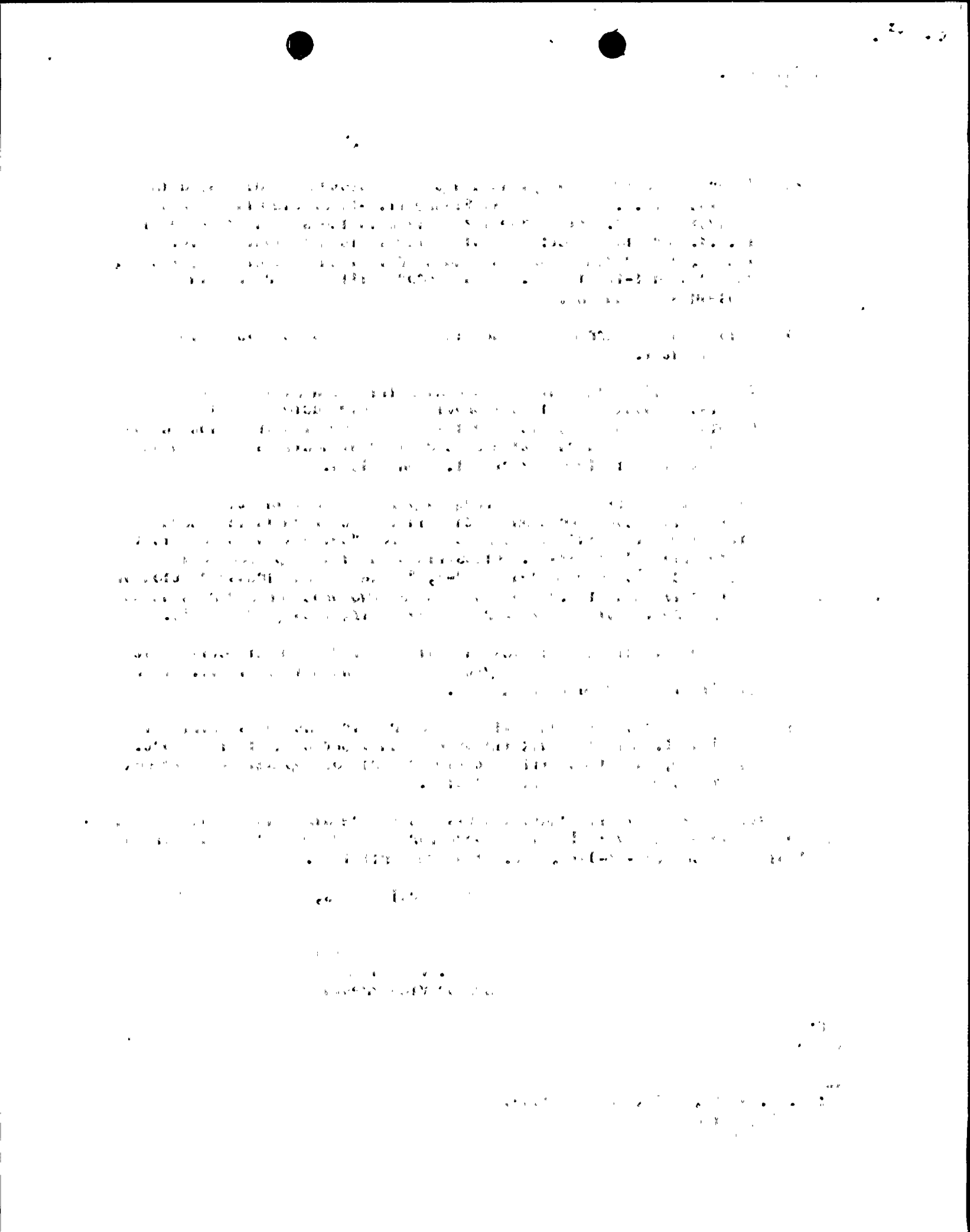
We believe the above information satisfies the requirements imposed by the earlier mentioned Safety Evaluation Report for acceptance by reference of the NUS Topical Report (PS-53-0378; Rev. 0) dated April 1983.

Very truly yours,

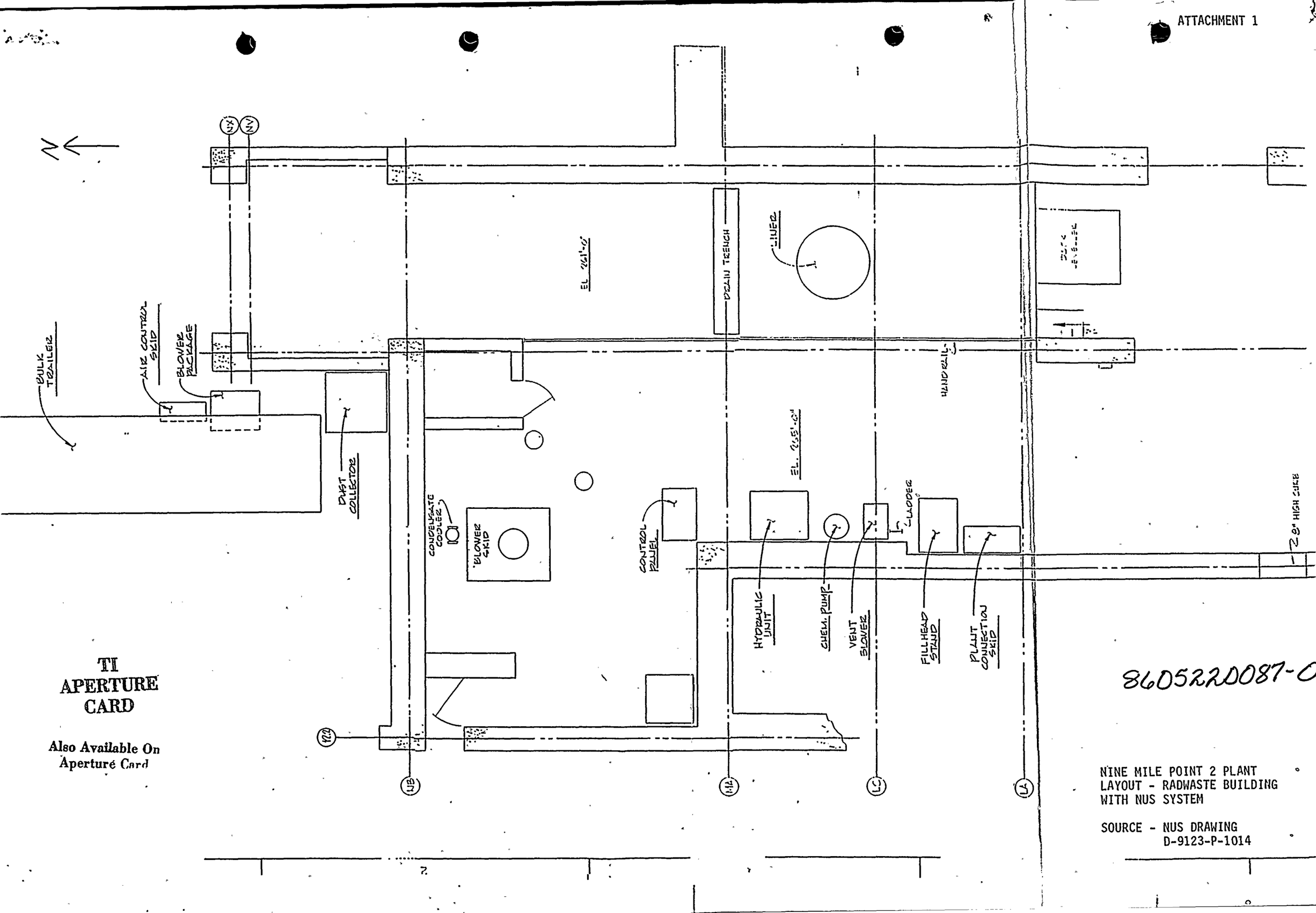
C. V. Mangan
Senior Vice President

RAC:ja
1610G

Attachment
xc: R. A. Gramm, NRC Resident Inspector
Project File (2)



ATTACHMENT 1



8605220087-01

NINE MILE POINT 2 PLANT
LAYOUT - RADWASTE BUILDING
WITH NUS SYSTEM

SOURCE - NUS DRAWING
D-9123-P-1014