Detroit Edison Donald A. Wells

Manager Quality. Assurance (313) 237-9657

2000 Second Avenue Detroit, Michigan 48226 (313) 237-8000

> July 6, 1983 EF2 - 64,519

Mr. J. A. Hind U. S. Nuclear Regulatory Commission Region III 799 Rosevelt Road Glen Ellyn, Illinois 60137

Dear Mr. Hind:

Reference: Enrico Fermi Atomic Power Plant, Unit 2

NRC Docket No. 50-341

Subject: Region III Inspection Report No. 50-341/83-08 (DRMSP)

May 25, 1983

The attachments to this letter, as delineated below, are being submitted in response to open items contained in the referenced Inspection Report.

#### 2. Licensee Actions

e. Open Item 50-341/82-04-01 - QA Audit of REMP Contractor

Attached is a copy of a letter, EF2 - 64,672, July 5, 1983, closing the December 1982 audit of the NUS Pittsburgh laboratory.

f. Open Item 50-341/82-04-02 - NUS REMP Sampling and Analytical Work Instructions

Attached are copies of the Acceptance Records for the 46 NUS Instructions applicable to the Fermi 2 REMP. They have been approved according to procedures delineated in Detroit Edison Instruction NE 1.2.2 "Preparation, Revision, and Control of Nuclear Engineering and Contractor Instructions".

g. Open Item 50-341/82-04-04 - FSAR Section 11.6

Attached is a copy of Amendment 49 to the Enrico Fermi Atomic Power Plant Unit 2 Final Safety Analysis Report which documents deletion of section 11.6 from the report.

J. A. Hind July 6, 1983 EF2 - 64,519 Page 2 Should have any questions regarding the above, please contact Mr. George Trahey, (313) 586-5039. Very truly yours, To. alesse DAW/JCG/aa Attachments cc: Mr. Richard DeYoung, Director Office of Inspection and Enforcement

U. S. Nuclear Regulatory Commission Washington, D.C. 20055

> Mr. Bruce Little, Senior Resident Inspector U. S. Nuclear Regulatory Commission 7450 North Dixie Highway Newport, Michigan 48166



July 1, 1983 EF2 - 64,672

Mr. Charles J. Marcinkiewicz Manager Radiological Laboratory NUS Corporation 5350 Campbells Run Road Pittsburgh, Pennsylvania 15205

Subject: Quality Assurance System Audit of December, 1982 (NS-822)

Dear Mr. Marcinkiewicz:

We have reviewed your responses to our audit findings (see attached NE-83-462), including the revisions to your Quality Assurance Manual and Work Instructions, which we find to be satisfactory and acceptable.

This closes the audit NS-822.

Sincerely,

A. Alexiou

Assistant Director

Project Quality Assurance

AA:mks Attachment

cc: T. A. Alessi

L. E. Eix

W. J. Fahrner

S. Ferencz

J. C. Guillamin

J. E. Kepus

P. J. Lavely

W. V. Lipton

E. F. Madsen

E. H. Newton

J. W. Nunley

J. D. Ryan

D. A. Wells

PQA Audit Records

EF2 Record Center

Date:

June 30, 1983

NE-83-462

To:

S. K. Kavafian

Senior QA Engineer

From:

P. J. Lavely Px

Corporate Health Physicist

Subject:

Resolution of Findings from DECo Audit (NS-822) of NUS

Dated December 20-22, 1982

I have reviewed and discussed the documentation of audit NS-822 with W. Lipton. I have also reviewed NUS's responses to audit NS-822. Specifically, my review included the following items:

Findings	Responses
QAF-NS-822-A	PRL-83-082 (March 24, 1983)
QAF-NS-822-B	PRL-83-143 (June 8, 1983)
QAF-NS-822-C.1-C.3	PRL-83-146 (June 9, 1983)
QAF-NS-822-D	PRL-83-160 (June 28, 1983)
QAF-NS-822-E	

Observations 1-9

Concerns 1-3

I have determined that the corrective and remedial action taken by NUS in response to the Findings, Observations, and Concerns of audit NS-822 are complete and acceptable.

NL PJL:aa

Attachment

cc: W. D. Gilbert W. V. Lipton

# Enrico Fermi Atomic Power Plant Unit 2

FINAL SAFETY ANALYSIS REPORT

AMENDMENT 49
JUNE 1983

NOTE: AMENDMENTS 8 AND 9 ARE NOT PART OF THE FSAR



#### 11.6 OFFSITE RADIOLOGICAL MONITORING PROGRAM

Intentionally deleted.

This material is no longer appropriate for inclusion in Section 11.6. Applicable information on the Radiological Environmental Monitoring Program is included in Sections 3/4.12.1 and 3/4.12.2 of the Technical Specifications.

49

NUMBER	P.O. 5.2.15.0	REVISION NUM	MBER 1	
TITLE	Quality Assurance in the Ra	adiological	Laboratory-General	Guidelines
PREFARED BY	NUS Corporation			
	January 1983 Date			
ACCEPTED BY	an aldrille	-		
	7/5/83			

INSTRUCTION			
NUMBER	P.O.5.2.15.2	REVISION NUMBER	1
TITLE	Radiological Labora	atory-Training	
PREPARED BY	NUS Corporation		
and the second s	Company May 1983		
	Date		
ACCEPTED BY	Fire alogo.	illi	
	7/5-/83		

INSTRUCTIO	ON		
NUMBER	P.O.5.2.15.1	REVISION NUMBER	3
TITLE_	Radiological Lal	boratory Organization and Fun	nction
PREPARED 1	BY NUS Corporation Company		
	May 1983		
ACCEPTED		oll-	
	Name 7/5-/8	£3	

INSTRUCTION			
NUMBER	P.O.5.2.15.3	REVISION NUMBER	2
TITLE	Receipt and Disposit:	ion of Samples	
PREPARED BY	NUS Corporation		
	Company May 1983		
i	Date		
ACCEPTED BY	Name 400	ills	
	7/5-/93		

INSTRUCTION			
NUMBER	P.O.5.2.15.4	REVISION NUMBER	0
TITLE	Receipt of Radioactive Samples	Sources, Standards, an	nd Non-Environmenta
PREPARED BY	NUS Corporation Company November 1982		
i	Date		
	Name 2/5/83		

INSTRUCTION	ON				
NUMBER	P.O.5.2.	15.5	REVISION NUMBER		1
TITLE	Document	Control-Radiolo	gical Laboratory	Work	Instructions
PREPARED 1	BY NUS Corp	oration			
PREPARED	Company	oracion			
	January Date	1983			
ACCEPTED	BY COL 4	/100 M			
	Date 7/	15/83			

INSTRUCTION			
NUMBER	P.O.5.2.15.6	REVISION NUMBER	1
TITLE	Data Review and Repor	ting	
DDFDADFN RV	NUS Corporation		
	Company		
	May 1983 Date		
ACCEPTED BY	Name 4/40 sill	-	
	7/5 /83 Date		

INSTRUCTION			
NUMBER	P.O.5.2.15.7	REVISION NUMBER	0
TITLE	Preparation of Stand	ards, Tracers, and Carri	iers
PREPARED BY	NUS Corporation ompany		
$\overline{\mathtt{D}}$	November 1982		
ACCEPTED BY	tal ald si	llt	
	7/5/83		

#### CONTRACTOR INSTRUCTIONS

ACCEPTANCE RECORD

INSTRUCTION				
NUMBER	P.O.5.2.15.10	REVISION NUMBER	R0	
TITLE	Determination of Gross	Alpha and Gross B	eta Radioactivity	in Water
DOFDADED BY	NIIC Commention			
	NUS Corporation			
Ī	November 1982 Date			
ACCEPTED BY	an elasilis			
j	7/5/83			

INSTRUCTION				
NUMBER	P.O.5.2.15.15	REVISION	NUMBER	0
TITLE	Operation of the	Gas Proportional (	Counter LB	5100
PREPARED BY	NUS Corporation			
	Company November 1982			
	Date			
ACCEPTED BY	Name ala	olli		
	7/5/	183		

TITLE						
	Calculation of	f Gross Alpha	and Gross	Beta Rac	dioactivity	in Wa
DEFDARED BY	NUS Corporation	on.				
	ompany	<i>,</i>				
7	November 1982					
Da	ite					
ACCEPTED BY	an ala	esels	-			
Na	ime					

NUMBER	P.O.5.2.15.20 REVISION NUMBER	0	
TITLE	Operation of the Packard Tri-Carb 300C Counter	Liquid Scint	illation
	Counter		
	NUS CORPORATION		
	November 1982		
	1 0 21		
ACCEPTED BY	in aldoll		
i	7/5/83		

INSTRUCTION						
NUMBER	P.O.5.2.15	23	REVISION NU	MBER	0	
TITLE	Determinati	on of Tritium	in Water by	Liquid	Scintillation	Counting
	NUS Corpora Company	ition				
	November 19	82				
ACCEPTED BY	Name Af	will	T			
	7/	5/83				

NUMBER	P.O.5.2.15.24	REVISION NUMBER	0	
TITLE	Calculation of Tritium	Activity by Liquid	Scintillation	Method
PREPARED BY	NUS Corporation			
THE PROPERTY OF STREET STREET, STREET STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,	mpany			
D	November 1982			
ACCEPTED BY	sal ald sill	7		
(N.	715/83			

INSTRUCTION	
NUMBER	P.O.5.2.15.27 REVISION NUMBER 0
TITLE	Determination of I-131 in Milk or Water by Gas Proportiona
PREPARED BY	NUS Corporation
ō	November 1982
D	Pate
ACCEPTED B	an alame
	7/5/83

INSTRUCTION			
NUMBER	P.O.5.2.15.28	REVISION NUMBER	0
TITLE	Calculation of Iodine-131	Activities in Milk	or Water
PREPARED BY	NUS Corporation		
The second secon	Company		- Wasses
Ī	November 1982 Date		
ACCEPTED BY	you appoille		
	7/5/83		

INSTRUCTION			
NUMBER	P.O.5.2.15.29	REVISION NUMBER	0
TITLE_	Preparation of Soil a	and Sediment for Analysis	5
PREPARED BY	NUS Corporation		
	Company		
	November 1982		
	Date		
ACCEPTED BY	for appill	7	
	Name		
	7/5-/83		
	Date /		

INSTRUCTI	ON				
NUMBER	P.0.5.2.15.30	REVISION	NUMBER	0	
TITLE_	Preparation of Vegetation	and Food	Materials	for Ana	alysis
	DIV. NUIC Composition				
PREPARED	NUS Corporation Company		147 37		
	November 1982				
	Date				
ACCEPTED	BY Sur afal 9011	T			
	7/5/83 Date				

INSTRUCTIO	ON		
NUMBER	P.0.5.2.15.42	REVISION NUMBER	0
TITLE_	Performance Checks on the Packard 300C	Liquid Scintillation	Counter,
PREPARED 1	NUS Corporation Company  November 1982 Date		
ACCEPTED 1	Name ul Della 7/5/83		
	Date		

INSTRUCTION	P.O.5.2.15.43	REVISION NUMBER	0
NUMBER	Performance Check of Gas		
PREPARED BY	NUS Corporation		
	Company November 1982		
	Date		
ACCEPTED BY	Name		
	7/5/83		

NUMBER	P.O.5.2.15.44 REVISION NUMBER	ER 1
TITLE	Performance Check of Ge(Li) Gamma Spect	rometry System
REPARED BY	NUS Corporation Company	
	May 1983	
1	Date	
CCEPTED BY	Jan al Dilli	
9	Name	
	7/5/83	

INSTRUCTION						
NUMBER	P.O.5.2.	15.46	REVISION	NUMBER_	1	
TITLE	Routine 1	Performance (	Checks on the	Teledyne	8300 TL	D Reader
PREPARED BY	NUS Corpo	oration				
	May 1983					
	ace					
ACCEPTED BY	- Cur	4/20	ille			
,	ame	2/-/02				
ī	ate	12/85				

INSTRUCTION			
NUMBER_	P.O.5.2.15.47	REVISION NUMBER	0
TITLE	Manual Calculation	of Gamma Spectrometry Data	a
PREPARED BY	NUS Corporation		
	Company		
	November 1982		
I	Date		
ACCEPTED BY	En Ul Doll	1	
	7/5/83		
1	Date		

INSTRUCTION			
NUMBER	P.O.5.2.15.48	REVISION NUMBER	1
TITLE	Calibration of Anal	ytical Balances	
PREPARED BY	NUS Corporation		
	Company		
ì	May 1983 Date		
ACCEPTED BY	Ray Glad Dil	el .	
	7/5/93		

INSTRUCTION			
NUMBER	P.O.5.2.15.49	REVISION NUMBER 1	
TITLE	Preparation and Analy	vsis of CaSO, (Dv) TLDs	
PREPARED BY	NUS Corporation		
	Company		
	May 1983 Date		
ACCEPTED BY	an aldoll	27	
	7/5-/83		
	Into		

INSTRUCTION			
NUMBER_	P.0.5.2.15.50	REVISION NUMBER	0
TITLE	Operational Check of	Balances	
PREPARED BY	NUS Corporation		
	Company		
	May 1983		
	Date		
ACCEPTED BY	Name 2/5/83	lls	
	Date		

INSTRUCTION				
NUMBER	P.O.5.2.15.51	REVISION NUMBI	ER 0	
TITLE	Preparation of Ai and/or Gamma Spec	r Particulate Filters trometry	for Analysis-Alpha,	Bet
	NUS Corporation Company			
	November 1982 Date			
ACCEPTED BY	Van Wane	sils		
	7/5/8 Date	3		

INSTRUCTION			
NUMBER	P.O.5.2.15.52	REVISION NUMBER	0
TITLE	Analysis of Charcoal	Adsorption Cartridges f	or I-131
PREPARED BY	NUS Corporation		
-	Company		
	November 1982		
ACCEPTED BY	the state of the s	lá .	
	Name ( 7/5-/83		
	Date 7/5/85		

INSTRUCTION			
NUMBER	P.O.5.2.15.60	REVISION NUMBER	0
TITLE	Acquisition and Data Spectra (Spectran F)	Analysis of High Resolu	tion Gamma
PREPARED BY	NUS Corporation		
c	November 1982		
ACCEPTED BY	an afel 2	illT	
ī	7/3/83		

INSTRUCTION				
NUMBER	P.O.5.2.15.62	REVISION NUM	MBER 1	
TITLE	Calibration of High	Resolution Gamma	Spectrometry System	15
PREPARED BY	NUS Corporation			-
	May 1983			
	Date			
ACCEPTED BY		SUT		
	Name			
	7/5/83			

INSTRUCTION			
NUMBER	P.O.5.2.15.64	REVISION NUMBER	0
TITLE	Calibration of Gas P	roportional Counters	
PREPARED BY	NUS Corporation		
-	Company		
	November 1982		
	Date		
ACCEPTED BY	Name 4/109	ills	
ī	7/5/83		

INSTRUCT	ON	
NUMBER	P.O.5.2.15.65 REVISION NUMBER 0	
TITLE	Calibration of the Packard Liquid Scintillation C	ounter
PREPARED	BY NUS Corporation	
	Company	
	November 1982	
	Date	
ACCEPTED		
	Name 7/5/83	
	Date	

INSTRUCTION				
NUMBER	P.O.5.2.15.66	REVISIO	N NUMBER	1
TITLE	Calibration of The Monitoring	rmoluminescent	Dosimeters	for Environment
PREPARED BY	NUS Corporation			
	January 1983			
D	ate			
ACCEPTED BY	ame 4/A)	selv		
7	7/5/83			

INSTRUCTION			
NUMBER_	P.O.5.2.15.80	REVISION NUMBER	0
TITLE	Completion of Sample	Collection Field Log	
PREPARED BY	NUS Corporation		
	Company		
	November 1982		
	Date		
ACCEPTED BY	Name WARD	lls	
	7/5/83		

INSTRUCTION			
NUMBER	P.O.5.2.15.81	REVISION NUMBER	0
TITLE_	Maintenance of the R	AC Universal Air Sampler	s
PREPARED BY	NUS Corporation		
	November 1982		
	Date	*/ -	
ACCEPTED BY	Vane afair	ll1	
	7/5/83		

INSTRUCTION			
NUMBER_	P.0.5.2.15.82	REVISION NUMBER	2
TITLE	Calibration of the RAC Calibrator Model 544	Universal Sampler	Using the Kurz Flo
PREPARED BY	NUS Corporation		
	Company		
	May 1983		
A. C.	Date		
ACCEPTED BY	same afolola		
	7/5/93		

INSTRUCTION				
NUMBER	P.0.5.2.15.120	REVISION NUM	BER 1	
TITLE	Collection of Air Parti	iculate and Air	Iodine Sample	s for th
	Fermi REMP			
PREPARED BY	NUS Corporation			
	Company			
	May 1983			
	Date			
ACCEPTED BY		5		
	Name 7/5-/83			
	Date			

INSTRUCTION			
NUMBER_	P.O.5.2.15.123	REVISION NUMBER	0
TITLE	Water Sampling for	the Fermi REMP	
PREPARED BY	NUS Corporation		
	Company		
	November 1982	the second second	
	Date		
ACCEPTED BY		ille	
	Name 7/5/83	3	
	Date /		

INSTRUCTION			
NUMBER	P.O.5.2.15.124 REVISION	ON NUMBER	1
TITLE	Milk Sampling for the Fermi REMI	,	
REPARED BY	NUS Corporation		
	Company		
	January 1983		
	Date		
CCEPTED BY	an 6/05 lls		
	7/5/83		
	Date		

NUMBER	P.O.5.2.15.125	REVISION NUMBER	2
TITLE	Fish Sampling for the	Fermi REMP	
PREPARED BY	NUS Corporation		
Committee of the commit	Company		
i	June 1983 Date		
ACCEPTED BY		sille	
	Name, 7/6/83		

INSTRUCTION			
NUMBER	P.O.5.2.15.126	REVISION NUMBER	1
TITLE	Sediment Sampling for t	the Fermi REMP	
REPARED BY	NUS Corporation		
	ompany May 1983		
Ī	ate		
ACCEPTED BY	en alosa		
ī	7/5/83		

INSTRUCTION			
NUMBER	P.O.5.2.15.127	REVISION NUMBER	1
TITLE	Calculation of TLD D	ata for the Fermi REMP	
PREPARED BY	NUS Corporation		
	Company May 1983		
Ĩ	Date	44	
ACCEPTED BY		o Mut	
	7/5/83		

INSTRUCTION	
NUMBER	P.O.5.2.15.128
TITLE	Data Review and Non-Routine Reporting for the Fermi REMP
PREPARED BY	NUS Corporation
	Company
	November 1982 Date
ACCEPTED BY	real appoint
	Name 7/-/-
	Date -

INSTRUCTION		
NUMBER	P.O.5.2.15.129 REVISION	NUMBER 0
TITLE	Annual Reports for the Fermi Preop	erational REMP
PREPARED BY	NUS Corporation	
7	Company	
Ī	November 1982 Date	
ACCEPTED BY	an appoint	
	7/5/83	

INSTRUCTION					
NUMBER	P.O.5.2.15.130 REVISION NUMBER	REVISION NUMBER 1			
TITLE	Feed/Silage and Food Crop Sampling for the Ferm	i REMP			
PREPARED BY	NUS Corporation				
the second at the second at the second	Company				
ì	May 1983 Date				
ACCEPTED BY	Name apropriet				
	7/5/83 Date				

NUMBER_	P.O.5.2.15	.131	REVISION	NUMBE	R	0			
TITLE	Annealing, Fermi REMP	Preparation,	Placement.	and F	Retrieval	of '	TLDs	for	the
PREPARED BY	NUS Corpora	ation							
	Date	Λ							
ACCEPTED BY	EN GI	led sill	95						