EXON NUCLEAR COMPANY, Inc.

2101 Horn Rapids Road P. O. Box 130, Richland, Washington 93352 Phone: (509) 375-8100 Telex: 15-2878

. : .

June 19, 1980

PDR 70-1257

Mr. W. T. Crow, Section Leader Uranium Process Licensing Section Uranium Fuel Licensing Branch Division of Fuel Cycle & Material Safety U.S. Nuclear Regulatory Commission Washington, D. C. 20555

> License No. SNM-1227 Docket No. 70-1257

Dear Mr. Crow:

SUBJECT: License Renewal Application

Exxon Nuclear Company, Inc. hereby submits an amendment to its License Renewal Application to require only single stage HEPA filtration of exhaust air from ur cessing facilities. The requirement shall remain to in-place Lest all final HEPA filter installations in all such HVAC systems, irrespective of the number of stages of filtration, to assure that they are at least 99.95 percent efficient for the removal of 0.8 micron particles prior to release for routine operation. Based on past experience, Exxon Nuclear believes that it is possible to continue to meet the 50 µCi per calendar quarter limit imposed by Amendment No. 22 to License No. SNM-1227. Table 3.3-1 of the License Renewal Application has been appropriately modified.

Also, a typographical error on Figure 2.3-2 has been corrected.

The respective pages of the license application have been appropriately amended in accordance with this submittal, and seven copies of the amended pages are enclosed. Also, copies have been sent to the NRC Region V IE Office, and the Richland, WA, Public Library copy of the Application has been updated accordingly by Exxon Nuclear.

AN AFFILIATE OF EXXON CORPORATION

Sincerely,

A. Part Eley

H. Paul Estey Licensing & Compliance Operating Facilities

Enclosures CC: Mr. W. J. Cooley (USNRC Region V IE) HPE/ajr

8009110 278

16783

EXON NUCLEAR COMPANY, Inc.

XN-2

ð

SPECIAL NUCLEAR MATERIAL LICENSE NO. SNM-1227, NRC DOCKET NO. 70-1257

(

C

(

Section/Appendix/Attachment ID: Application - License Conditions TABLE 3.3-1 Minimum Stages of HEPA Filters in Exhaust Air Systems									
Definition of Material, Area and/or Facility	No. of Stages								
Uranium									
. Contamination Control Areas, Process Equipment &		1							
Enclosures where Unencapsulated Uranium Compounds									
are Handled	1								
. Rooms & Facilities where Closed Fuel Rods (Both End-		1							
Caps Welded in Place) are Processed or Stored; or where									
Closed Containers, which have been Surveyed and Released									
by Radiological Safety Personnel, of Uranium Compounds									
are Stored	0								
Plutonium		12							
Decess Fouriement	3								
Contamination Control Areas	2								
Applutical Laboratorias	2								
. Plutonium Handling Hoods & Equipment	3								
. Rooms	2								
. Rooms where Closed Containers, which have been Surveyed	2								
and Released by Radiological Safety Personnel, of Plu-									
tonium Compounds are Stored									
. Rooms & Facilities where Closed Fuel Rods (Both End-									
Caps Welded in Place), which have been Surveyed and Re-									
leased by Radiological Safety Personnel, are Processed									
or Stored	0								
	v								
Recirculation (Uranium and Plutonium)									
In addition to the HEPA Filtration Provided in the Nor-									
mally Operating Recirculation Air Systems	1								
Amendment Application Date: June 1980 P	age No.: 3.73								

 EXON
NUCLEAR
COMPANY, I
nc.

)

.

Re.

. .

.

XN-2

•

......

SPECIAL NUCLEAR MATERIAL LICENSE NO. SNM-1227, NRC DOCKET NO. 70-1257

A - Prepare/Primery Responsibility C - Implement/Leccellar D - Implement/Lecc	Re	In	Pro	Pro	In	Ac	Em	En	Ra	Op	Rad.	Cr	Nu	Nu	Nu	Ra	Ra	Ra	Po	Po	TOTTA L DOBA
Dependent Product Produt Product Product	Records	cident Investigations &	Test	nt	aining Programs	cess Controls	ergency Plan & Procedury	ronmental	Waste Treat. &	ating Procedures	& Crit. Safety	afety		F	Nuclear Crit. Safety Base		Radiation Safety Operatin			Position Responsibilities	 A - Prepare/Primary Respo B - Approve/Accept/Concur C - Implement/Execute D - Inspect/Audit D - Inspect/Audit A primed letter (e.g., A' the respective indiversible for the respective indiverses in the respensible for the respensible for the respensible for the respensibility.
		Reporting	15	5			25	Program			Audit Program	ications	vses	dards	20		1 Procedures	dards	virements		2 1 -
A A		>				1	B	P	R					B	B			B		в	Vice President & Executive-In-Charge Fuels Manufacturing
A A		B.	B.	B.	B.	.8	в		A.	B.		B-		B			r	B	B.	A.	Manager, Manufacturing
A A	N	P.	1	B*	AVC.	A'/C'	h.		C.	A'/C'		R'		8		B'/C'		в	A.		Plant Managers
A A	N	:	A'/8	A'/C'			C.								Γ	Γ	1		A'		Manager, Manuracturing Engineering
No. C. C. No. C.	N	B	.8	A.7C.	A'/C'	A'/C'	B'/C'		A-1C	A-/1C		8.		T		R"/C			A.	Α.	Manager, Facilities & Equipment Engineering (ELO)
A A A A A A A Industrial Safety Component A A A A A A A A A Industrial Safety Component A <td>2</td> <td>:</td> <td></td> <td>C'/D'</td> <td>Nº/C'</td> <td></td> <td>C.</td> <td></td> <td>Γ</td> <td>T</td> <td>-</td> <td></td> <td></td> <td></td> <td>T</td> <td>R'IC</td> <td></td> <td></td> <td>A.</td> <td></td> <td></td>	2	:		C'/D'	Nº/C'		C.		Γ	T	-				T	R'IC			A.		
A C Industrial Safety Component A A C C Plant Criticality Safety Engineer A A C D A Plant Criticality Safety Engineer A A C D A D C Plant Criticality Safety Engineer A A D C D A D C Plant Criticality Safety Engineer A D C D A D C D A A D C D A D C D A A D C D C D A D C A D C D C D A C P A D C D C D P Health Physics Technicians A B B B C C P P Manager, Logistics A B B B B B B D D D D	~	2	B	T	8.	Γ	A	Γ		T	8.	Γ	T	T	T	T	8	Γ	A.		Manager, Auxiliary Operations
A C Industrial Safety Component A A C C Plant Criticality Safety Engineer A A C D A Plant Criticality Safety Engineer A A C D A A Plant Criticality Safety Engineer A A C D C D C Plant Criticality Safety Engineer A A D C D A A D C A D C D A A D C D A D C D C D A D C A D C D C D A D C A D C D C D A A D D C A D C D C D A A D D D A B B B D C D D D D D </td <td>1</td> <td>: </td> <td></td> <td>T</td> <td>V.1C.</td> <td>V.1C</td> <td>Τ</td> <td>Γ</td> <td>Γ</td> <td>T</td> <td>Γ</td> <td>Γ</td> <td>Γ</td> <td>T</td> <td>T</td> <td>T</td> <td>T</td> <td>T</td> <td>Γ</td> <td></td> <td>Manager, Plant Security</td>	1	:		T	V.1C.	V.1C	Τ	Γ	Γ	T	Γ	Γ	Γ	T	T	T	T	T	Γ		Manager, Plant Security
A A A C C Plant Criticality Safety Engineer A A C D A D C D A C D A D C D Supervisor, Radiological Safety A D D C D A D C D A D C D C D C D Health Physics Technicians A B B C D C D P Health Physics Technicians A B B C D C D P Manager, Fuel Development & Testing(ET A B B B B B B D A A C C C D C D A A B B B B B B B B B D A B B B B B B B B D D D D	~	2	T	B'/D	A'JC		c.	T	T	T	T	T	T	T	T	T	T	T	T	Γ	Industrial Safety Component
A B A C D A D C Supervisor, Radiological Safety A D C D C D C D Health Physics Technicians A D C D C D C D P A D C D C D C D P A D C D C D C D P A D C D C D P Health Physics Technicians A B D C D C P P A D C D C P P Manager, Fuel Development & Testing(ET A B B B B B D P P Manager, Corporate Licensing & Component & C D D D P P Manager, Licensing & Compliance Operating Facilities A B B B B D P D D <	-	2	8'/0			Γ	T	T	T	T	N'/0	1/0	C	C/D	T	T	T	T	T	T	Plant Criticality Safety Engineer
A D C D C D C Health Physics Technicians A D C D C D C Health Physics Technicians A D A D C D C P P A D A D C D C P P A D C C D C P P Manager, Fuel Development & Testing(ET A D C C D C P P Manager, Logistics B B B B B B B D D D A B B B B B B B D D D A B B D C D	F		103-		T	0	C.	T	F	T	T	t	t	t	T		1	6	T	T	Supervisor, Radiological Safety
A A C A C A C A A C A B	1	-	T	T	T	0	+	T	P	t	+	t	t	T	t	6	5	T	T	T	Health Physics Technicians
A A C A C A B	1	B	8	1.10	A"/C	A'/C	8'/C	T	A.10	1.10	T	8.	t	t	t	8.10	t	T	A.	A.	Manager, Fuel Development & Testing(El
B B	1,	P.	T	İ	P	P	÷	T	Ť	D	t	+	t	T	t	100	-	-	A.	A.	Manager, Logistics
> > > > > > > > > > > > > > > > > > >	F	B	t	t	İ	1	+	B	8	Ť	t	T	T	B	8	÷	t		A'/B	A'/B	
A B D A A B C C A B C A C A C C C <td>1,</td> <td>B</td> <td>8</td> <td>B</td> <td>T</td> <td></td> <td>T</td> <td>B/D</td> <td>6</td> <td>T</td> <td>8.</td> <td>B</td> <td>T</td> <td>B</td> <td>T</td> <td>-</td> <td>R</td> <td>B</td> <td>T</td> <td>T</td> <td>Manager, Licensing & Compliance</td>	1,	B	8	B	T		T	B/D	6	T	8.	B	T	B	T	-	R	B	T	T	Manager, Licensing & Compliance
A B A B A B C Criticality Safety Component Nuclear Criticality Safety Nuclear Criticality Safety	1	-	8.	B.	0.	T	T	ALC	0	T	A' /	T	T	T	T	P	P	-	T		
Nuclear Criticality Safety	-		8.	BX	0.	T	T	T	T	T	A'./	8/0	ALD	A/C	B/C	T	T	P	T	T	Criticality Safety Component
		1		Ē	Ţ	Í		T	Ţ	Ţ	Í	Ţ	Ţ	In B	A	1	T	Ţ	Ţ		Nuclear Criticality Safety Specialist
				-	-																

....

1

11 Mar 10

1.10

-

8

10

- 30 - 1