



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MEMORANDUM FOR: Richard T. Kennedy, Team Leader
NRC Transition Group

FROM: E. Kevin Cornell
Deputy Executive Director for Operations

SUBJECT: INFORMATION FOR THE TRANSITION TEAM -
THIRD INSTALLMENT

The items listed in Attachment 1, together with the materials provided to you by OGC and OCA, represent the balance of the information you requested last week.

E. Kevin Cornell
Deputy Executive Director for Operations

Attachment:
As stated

810 1230 160

INFORMATION REQUESTED BY TRANSITION TEAM

- ° Pending/Informal Interagency Agreements (formal agreements provided earlier)
- ° Export Licensing -- Summary and Pending Report
- ° Summary and Status of Consolidation (of NRC headquarters)
- ° ACRS - Authority and Functions and Comments on NRC Research Program
- ° Additional Information on the Schedule of Licensing Actions for Power Plants -- Dircks to Commission memo dated Oct. 1, 1980
- ° Material for Carnesale Briefing Book
- ° Additional Information on the Nuclear Safety Oversight Committee (NSOC) -- NSOC's Interim report addressing the evaluation of the NRC Action Plan.

INTERAGENCY RELATIONSHIPS
(Pending/Informal)

- Air Force, U. S. . LG* Attenuation - Eastern U.S.
- Army, Dept. of
- Coastal Engineering Research Center (CERC)
 - . Flood Protection
 - Cold Regions Research Engineering (CREL)
 - . Ice Blockage Safety Related Intakes
(Part of hydrological engineering)
 - Corp of Engineers
 - . Geotechnical Engineering
 - . Hydrodynamic Measurements
- Commerce, Dept. of
- Bureau of Economic Analysis
 - . Demographic projections
 - . Small Area Population
- Defense Intelligence Agency . Formalization of intelligence support to the NRC by the DIA
- Energy, Dept. of
- . Programmatic agreement for Idaho National Engineering Laboratory (INEL) automatic data processing support of NRC programs
 - . Energy Absorbers
 - . Procedural Agreement for the Coordination of High-Level Waste Programs
 - . Integrated Safeguards Information System (ISIS) - Joint Development
 - . West Valley Demonstration Project Act
 - . Interagency Radiological Assistance Plan, development of
- Federal Bureau of Investigation . NRC/FBI Roles and Responsibilities (addendum to formal agreement)
- Federal Emergency Management Administration
 - . National Radiological Emergency Preparedness plan, development of

* Surface seismic wave

Interagency Relationship
(Pending/Informal) - 2 -

- Food and Drug Administration
 - . Assistance for data interpretation of inspection results of nuclear medicine licensees
- General Accounting Office
 - . Blanket clearance for IE Bulletins and generic letters
- Interior, Dept. of
 - Geological Survey, U. S.
 - . Geology and Seismology siting studies
 - . West Valley Geology/Hydrology Assessment
 - . Geosciences
 - . Advisory Committee on Water Data
- Labor, Dept. of
 - . Labor force forecast
 - . Employee protection for individuals that provide information to NRC - investigates discrimination complaints to NRC by licensee employees
- Multiagency - (State, DOE and Arms Control and Disarmament Agency (ACDA))
 - . Implementation of IAEA Safeguards Agreement
- National Aeronautics and Space Administration (NASA)
 - . Human assessment of the human factor safety program
- National Bureau of Standards
 - . Liquefaction potential determination
 - . Quality assurance of radiation measurements
- National Oceanic and Atmospheric Administration (NOAA)
 - . Meteorology Evaluation
 - . Earthquake records
 - . Atmospheric Dispersion Experiments and Characteristics
- National Science Foundation
 - . Mylonite Conference
- Naval Academy, U. S.
 - . Rapid JR curve evaluatory
- Naval Research Lab
 - . Charcoal Performance
 - . Reactor vessel irradiation damage
- Naval Surface Weapons Center
 - . Structural Engineering
- Transportation, Dept. of
 - . Advance notification of nuclear waste shipments
- and Occupational Safety and Health Administration
 - . To report infraction of each other's rules and regulation

EXPORT LICENSING

- Export Licenses and Amendments Issued
- Pending Export Applications Report

EXPORT LICENSES AND AMENDMENTS ISSUED

From January through October 31, 1980, the NRC issued 464 export licenses and amendments to existing licenses including requests for amendments. Of the 464 licenses issued, 105 were major licenses in three categories: special nuclear material, source material, and reactors. The export licenses considered to be minor include 84 for small quantities of special nuclear material, 31 for source material, 60 for by-product material, and 184 for components. (NRC also issued 24 import licenses, including amendments.)

PENDING EXPORT APPLICATIONS

OCTOBER 1980

CONTACT: Debbie Hodges 492-7984
International Programs
MNB 8306

OCTOBER 1980

SUMMARY OF PENDING EXPORT LICENSES

	Case Type	
	<u>Major</u>	<u>Minor</u>
(A) APPLICATION INCOMPLETE, AWAITING REPLY TO OUR REQUEST FOR MORE INFORMATION	0	0
(B) BEING PREPARED FOR TRANSMITTAL TO THE EXECUTIVE BRANCH	5	0
(C) UNDER EXECUTIVE BRANCH REVIEW	88	44
(D) FINAL EXECUTIVE BRANCH VIEWS RECEIVED, BEING PREPARED FOR COMMISSION REVIEW	2	4
(E) EXECUTIVE BRANCH VIEWS RECEIVED, COMMISSION REVIEW NOT REQUIRED; UNDER FINAL STAFF REVIEW	2	3
(F) UNDER REVIEW BY COMMISSION	3	1
(G) SPECIAL CASE REQUIRING ADDITIONAL REVIEW BY NRC OR BY THE EXECUTIVE BRANCH	16	1
(H) UNDER FINAL STAFF REVIEW, EXECUTIVE BRANCH AND COMMISSION REVIEW NOT REQUIRED	0	10
	<hr/>	<hr/>
	116	63
	<hr/>	<hr/>
TOTAL		<u><u>179</u></u>

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
WESTINGHOUSE	07/16/79 08/24/79 XSNM00909 (02)	ADD'L 1,726	ADD'L 60	3.45	ADD'L FUEL FOR ANGRA I REACTOR	BRAZIL	(C) 09/06/79
WESTINGHOUSE	08/31/78 09/06/78 XSNM01045(01)	ADD'L 17,600	ADD'L 635	3.6	ADD'L RELOADS FOR JOSE CABRERA	SPAIN	(G) 05/22/80
WESTINGHOUSE	08/16/79 08/24/79 XSNM01045(1A)	ADD'L 71,803.56	ADD'L 2,513.123	3.72	INCREASE QTY AUTHORIZED FOR EXPORT	SPAIN	(G) 09/11/79
WESTINGHOUSE	07/15/77 07/19/77 XSNM01169	88,636	2,452	3.25	INITIAL CORE, SAYAGO	SPAIN	(G) 05/22/80
WESTINGHOUSE	08/09/77 08/12/77 XSNM01185	73,173	1,917	3.15	FUEL, VANDELLOS II	SPAIN	(G) 05/22/80
GENERAL ELECT.	09/22/77 09/27/77 XSNM01204	55	51.2	93.3	FABRICATION OF FUEL FOR GETR REACTOR IN U.S.	W.GERMANY	(C) 10/03/77
TRANSNUCLEAR	12/01/77 12/01/77 XSNM01236	5.720	5.337	93.3	FUEL FOR REACTOR FMRB	W.GERMANY	(C) 12/20/77 09/12/80
GENERAL ATOMIC	01/13/78 01/17/78 XSNM01259	10.404	7.272	70	FUEL, TRIGA III	MEXICO	(C) 01/30/78
SSHO-IWAI AMERICA	05/07/80 05/13/80 XSNM01271(02)	ADD'L 0.105	ADD'L 0.098	93.3	AMEND TO INCR. QUANTITY OF MAT'L	JAPAN	(C) 05/19/80
TRANSNUCLEAR	10/01/80 10/02/80 XSNM01345(01)	ADD'L 1.60	ADD'L 1.49	93.3	INCREASE QUANTITY AUTHORIZED FOR EXPORT	CANADA	(C) 10/06/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY : KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
ANSNUCLEAR	07/26/78 07/26/78 XSNM01150	1.939	PLUTONIUM		USED IN SCOPE OF FAST BREEDER PROGRAM OF COMMON EUROPEAN PROGRAM	W.GERMANY	(C) 11/24/78 08/03/78
ANSNUCLEAR	07/28/78 07/28/78 XSNM01355	101	94	93.3	FOR NRX, NRJ & SLOWPOK REACTORS AND FOR WHRE THORIA FUEL DEVELOPMENT	CANADA	(C) 08/03/79 12/19/79
ANSNUCLEAR	10/13/78 10/16/78 XSNM01389	802.0	486.408	60.4	RELQAD FUEL FOR KNK-II	W.GERMANY	(G) 10/31/80
ANSNUCLEAR	10/13/78 10/16/78 XSNM01390	15.038 50.125	14.030 35.288	93.3 70.4	SAFETY RELATED IRRADIATION EXPERIMENTS IN BR-2, HFR AND KNK-II	BELGIUM NETHERLANDS W.GERMANY	(G) 10/31/80
LEGATION OF E COMM. OF E EUROPEAN MM.	11/24/78 11/29/78 XSNM01425	35.070	32.720	93.3	FUEL FOR FRG-1, AND FRG-2 REACTORS	W.GERMANY	(C) 12/06/78 01/25/79
ANSNUCLEAR	12/07/78 12/08/78 XSNM01429	21.554	20.110	93.3	FUEL FOR FRJ-2 REACTOR	W.GERMANY	(C) 12/15/78 01/30/79
ANSNUCLEAR	01/24/79 01/25/79 XSNM01444	10.364	9.670	93.3	FUEL FOR FRM AT GARCHING	W.GERMANY	(C) 02/05/79 02/26/79 09/08/80 10/03/80
ANSNUCLEAR	02/14/79 02/15/79 XSNM01459	6.817	6.360	93.3	FUEL FOR BER-II	W.GERMANY	(C) 02/23/79
STINGHOUSE	02/27/79 03/02/79 XSNM01471	121,000	4,300	3.6	INITIAL CORE AND 3 RELOADS FOR PHILIPPINE NUCLEAR POWER PLANT, UNIT NO. 1	PHILIPPINES	(G) 03/14/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
RANSNUCLEAR	03/21/79 03/22/79 XSNM01482	2.206	2.058	93.3	PHYSICAL REIM- BURSEMENT OF URANIUM LOSSES	W.GERMANY	(C) 03/26/79 09/12/80
RANSNUCLEAR	04/11/79 04/11/79 XSNM01495	20.050	18.707	93.3	FUEL FOR PETTEN REACTOR	NETHERLANDS	(C) 04/13/79
DLOW INTERNAT'L	04/10/79 04/12/79 XSNM01496	12.03	10.875	90.4	FUEL FOR RA-3 REACTOR	ARGENTINA	(C) 04/13/79
RANSNUCLEAR	04/20/79 04/23/79 XSNM01500	15.038	14.030	93.3	FUEL FOR DR-3 REACTOR	DENMARK	(C) 04/26/79
RANSUCLEAR	06/05/79 06/06/79 XSNM01521	33.0	30.8	93.3	FUEL FOR HFR	FRANCE	(C) 06/13/79
DLOW INTERNATIONAL	07/05/79 07/09/79 XSNM01536	26.0	24.31	93.5	FUEL RELOAD FOR HFR, GRENOBLE	FRANCE	(C) 07/12/79 01/22/80 02/27/80
RANSNUCLEAR	07/06/79 07/10/79 XSNM01539	3.008	2.806	93.3	FUEL FOR HOGER ONDERWIJS	NETHERLANDS	(C) 07/19/79
RANSNUCLEAR	07/17/79 07/17/79 XSNM01543	15.0	13.995	93.33	FUEL FOR ORPHEE REACTOR	FRANCE	(C) 07/27/79 12/14/79

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
FRANSHUCLEAR	07/17/79 07/17/79 XSNM01544	60.0	55.98	93.3	FUEL FOR RAPSODIE	FRANCE	(C) 07/27/79 12/10/79
FRANSHUCLEAR	07/17/79 07/17/79 XSNM01545	26.0	24.26	93.3	FUEL FOR SILOE REACTOR	FRANCE	(C) 07/27/79 12/10/79
FRANSUCLEAR	07/31/79 08/01/79 XSNM01552	73,556.40 +1,875.00	1,816.23 +59.063	3.15	INITIAL CORE KOEBERG UNIT 2	SOUTH AFRICA	(C) 08/10/79 08/22/80
FRANSHUCLEAR	07/31/79 08/01/79 XSNM01553	73,556.40 +1,875.00	1,816.23 +59.063	3.15	INITIAL CORE KOEBERG UNIT 1	SOUTH AFRICA	(C) 08/10/79 08/22/80
DLOW FOR OMISION ACIONAL DE NERGIA ATOMICA	09/05/79 09/07/79 XSNM01587	50.125	10.17	19.9	FUEL FOR RA-6 RESEARCH REACTOR	ARGENTINA	(C) 09/24/79
DLOW FOR OMISION ACIONAL DE NERGIA ATOMICA	09/05/79 09/07/79 XSNM01588	31.446	6.384	19.9	FUEL FOR RP-0 RESEARCH REACTOR	PERU	(C) 09/20/79
.S.DOE	09/28/79 10/03/79 XSNM01602	22 KGS U-233			CHARACTERIZING PHYSICS BEHAVIOUR OF PROLIFERATION RESISTANT THORIUM/ URANIUM-233 FUEL CYCLE IN CONVERTER REACTORS IN THE ZED-2 REACTOR	CANADA	(C) 10/23/79

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
ANSNUCLEAR	11/16/79 11/19/79 XSNM01626	3.008	2.806	93.3	FUEL FOR HOGER ONDERWIJS REACTOR	NETHERLANDS	(C) 12/06/79
ANSNUCLEAR	11/26/79 11/26/79 XSNM01627	98 93	91.43 86.77	93 93	FUEL FOR HRX & NRU REACTORS & FOR EXPERIMENTAL FUEL	CANADA	(C) 12/10/79
ANSNUCLEAR	11/30/79 12/03/79 XSNM01629	16,242	544.134	3.35	RELOAD FUEL FOR ANGRA I	BRAZIL	(C) 12/10/79
GENERAL ELECT.	11/30/79 12/03/79 XSNM01630	115,000	3,100	3.7	COFRENTES MULTIPLE RELOADS	SPAIN	(C) 12/10/79
ANSNUCLEAR	12/17/79 12/18/79 XSNM01632	16.04	14.965	93.3	FUEL ELEMENTS FOR HFR	NETHERLANDS	(C) 12/19/79
.S.DOE	12/20/79 12/26/79 XSNM01639	2.5 KGS PLUTONIUM 8.5 KGS DEPLETED URANIUM 16.0 KGS NATURAL URANIUM			JOINT U.S.-SWISS PROGRAM FOR CARBIDE FUEL DEVELOPMENT	SWITZERLAND	(C) 01/10/80 06/02/80
GENERAL ELECT.	01/11/80 01/14/80 XSNM01644	239,500	4,505	3.9	INITIAL CORES FOR VALDECABALLEROS UNITS 1 AND 2	SPAIN	(C) 01/23/80
GENERAL ELECT.	01/11/80 01/14/80 XSNM01645	95,000	2,520	3.8%	FUEL FOR SIX NUCLEHOR RELOADS	SPAIN	(C) 01/22/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
NSNUCLEAR	02/29/80 03/03/80 XSNM01661	11.3	10.543	93.3	FUEL ELEMENTS FRJ-1 REACTOR	W.GERMANY	(C) 03/05/80 05/06/80
ERAL ELECT.	02/07/80 03/10/80 XSNM01662	478,800	11,400	4.0	INITIAL CORES FOR TAIWAN POWER NUCLEAR UNITS 7 AND 8	TAIWAN	(C) 03/13/80 10/03/80
NSNUCLEAR	03/25/80 03/26/80 XSNM01667	40.480	37.768	93.3	FUEL FOR JMTR AND JRR-2 RES. REACTORS	JAPAN	(C) 04/02/80
ERAL ATOMIC	03/24/80 03/28/80 XSNM01669	55.4	11.0	19.9	FOR USE IN TRIGA MARK II RES. REACTOR	BANGLADESH	(C) 04/12/80
NSNUCLEAR	09/16/80 09/16/80 XSNM01675(01)	ADD'L 52.245	ADD'L 1.854	3.55%	INCREASE QUAN- TITY OF MATERIAL FOR BEZNAU II	SWITZERLAND	(G) 10/24/80
NSNUCLEAR	04/30/80 05/01/80 XSNM01679	35.088	32.737	93.3	FUEL FOR R-2 RES REACTOR	SWEDEN	(C) 05/06/80 06/30/80
NSNUCLEAR	04/30/80 05/01/80 XSNM01680	3.000	2.799	93.3	IRRADIATION TEST SAMPLES IN "PHASE II HBK IN IRRADIATION EXPERIMENTS (PROJECT HIGH TEMPERATURE REACTOR FUEL CYCLE)"	W.GERMANY, BELGIUM, NETHERLANDS SWEDEN, FRANCE	(F) 10/07/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
TRANSNUCLEAR	05/14/80 05/19/80 XSNM01685	103.258	96.340	93.3	FUEL FOR THTR-300	W.GERMANY	(C) 05/23/80 07/03/80
TRANSNUCLEAR	06/09/80 06/10/80 XSNM01689	17,501.000 +8,431.000	620.160 +227.705	4.0 3.55	RELOAD FUEL FOR ISAR (KKI) EACTOR	W.GERMANY	(C) 06/18/80 10/03/80
TRANSNUCLEAR	07/03/80 07/07/80 XSNM01699	20.050	18.707	93.3	FUEL FOR USE IN H.F.R. REACTOR, PETTEN	NETHERLANDS	(C) 07/14/80
EXXOM NUCLEAR	07/07/80 07/14/80 XSNM01703	10,000	240	2.85	FUEL FOR GUNDREMMINGEN REACTOR	W.GERMANY	(C) 10/08/80
MARUBENI AMERICA	07/11/80 07/15/80 XSNM01705	156,333	3,486	3.10	INITIAL CORE - FUKUSHIMA II, UNIT 2	JAPAN	(C) 07/22/80
MITSUI & CO.	07/22/80 07/25/80 XSNM01709	29,648	813	3.95	RELOAD FUEL FOR FUKUSHIMA I, UNIT NO. 3	JAPAN	(E) 10/29/80
MARUBENI	08/07/80 08/11/80 XSNM01713	18,491	485	2.97	ROUTINE RELOAD FOR SHIMANE I, 9TH RELOAD	JAPAN	(C) 08/13/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
TRANSNUCLEAR	08/12/80 08/13/80 XSNM01718	6.500	2.951	45.4	FOR USE IN THE FRG-1 AND FRG-2 REACTORS	W.GERMANY	(F) 10/09/80
WESTINGHOUSE	08/14/80 08/19/80 XSNM01719	312,000	12,480	4.0	INITIAL CORES, SPARES AND THREE RELOADS EACH FOR TAIWAN UNITS 7&8	TAIWAN	(C) 08/27/80
TRANSNUCLEAR	08/25/80 08/26/80 XSNM01721	7.508	3.409	45.4	FUEL IN FRM AT GARCHING	W.GERMANY	(D) 10/17/80
TRANSNUCLEAR	09/08/80 09/09/80 XSNM01725	4.371	4.078	93.3	FUEL FOR THE ASTRA REACTOR	AUSTRIA	(C) 09/17/80
TRANSNUCLEAR	09/08/80 09/09/80 XSNM01726	33.000	6.504	19.95	FUEL FOR THE ASTRA REACTOR	AUSTRIA	(C) 09/17/80
MITSUI & CO.	09/05/80 09/09/80 XSNM01730	22,475	626	3.95	ROUTINE RELOAD FOR HAMAOKA UNIT 2	JAPAN	(C) 09/22/80
GENERAL ELECT.	09/04/80 09/10/80 XSNM01731	9,675	265	3.1	ROUTINE RELOAD FOR TSURUGA	JAPAN	(C) 09/22/80
MITSUBISHI INTERNATIONAL	09/12/80 09/17/80 XSNM01734	11,823	337	2.85	ROUTINE RELOAD FOR TAKAHAMA UNIT I	JAPAN	(C) 10/03/80
MITSUBISHI INTERNATIONAL	09/12/80 09/17/80 XSNM01735	15,141	493	3.25	ROUTINE RELOAD FOR OHI UNIT 2	JAPAN	(C) 10/03/80
NISSHO-IWAI AMERICA	09/15/80 09/22/80 XSNM01736	456.138	55.558	12.18	FUEL FOR JOYO FAST BREEDER REACTOR	JAPAN	(C) 10/03/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
TSUBISHI INTERNATIONAL	09/19/80 09/26/80 XSNM01738	14,613	359	2.0	RELOAD FUEL FOR MIHAMA UNIT 1	JAPAN	(C) 10/03/80
DLOW INT'L	09/24/80 09/25/80 XSNM01740	19,858.8	487.3	2.71	ROUTINE RELOAD FOR TARAPUR	INDIA	(C) 10/03/80 10/14/80
TRANSNUCLEAR	10/01/80 10/02/80 XSNM01744	15,901.000	533.034	3.35%	RELOAD FUEL FOR STADE REACTOR	W.GERMANY	(E) 10/24/80
KXON NUCL.	10/02/80 10/06/80 XSNM01746	9,000	225	2.95%	RETURN FOR STORAGE & THEN SALE TO A UTILITY FOR POWER REACTOR FUEL NEEDS	W.GERMANY	(C) 10/08/80
KXON NUCL.	10/02/80 10/06/80 XSNM01747	2,670	76	2.95%	FUEL FOR KAHL REACTOR	W.GERMANY	(C) 10/08/80
KXON NUCL.	10/02/80 10/06/80 XSNM01748	15,350	740	2.85%	FUEL FOR GRUNDREMMINGEN B OR C REACTORS	W.GERMANY	(C) 10/08/80 10/27/80
S. DOE	09/26/80 10/07/80 XSNM01749	37.200	7.354	19.77%	FUEL FOR TRIGA RESEARCH REACTOR PITESTI	ROMANIA	(C) 10/10/80
WESTINGHOUSE	10/08/80 10/14/80 XSNM01750	305,283	9,464	3.6%	INITIAL CORES, THREE RELOADS EACH & 4 SPARE ASSYS. FOR KNU 7 AND 8	S.KOREA	(C) 10/27/80
DLOW INT'L	10/15/80 10/17/80 XSNM01752	19,865	695	3.55%	ROUTINE RELOAD FORSMARK UNIT II	SWEDEN	(C) 10/24/80
COMBUSTION ENGINEERING	10/09/80 10/21/80 XSNM01753	146,400	3,532	3.0%	INITIAL CORES FOR TAIWAN NUCLEAR UNITS 7 AND 8	TAIWAN	(C) 10/30/80
COMBUSTION ENGINEERING	10/09/80 10/21/80 XSNM01754	150,000	5,250	3.50%	THREE RELOADS EACH FOR TAIWAN NUCLEAR UNITS 7 AND 8	TAIWAN	(C) 10/30/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
TRANSHUCLEAR	10/24/80 10/27/80 XSNM01755	88,505.000	2,965.167	3.35%	MULTIPLE RELOADS FOR STADE REACTOR	W.GERMANY	(C) 10/29/80
TRANSHUCLEAR	10/24/80 10/27/80 XSNM01756	75,004.000	2,065.636	3.4%	MULTIPLE RELOADS FOR WURGASSEN REACTOR	W.GERMANY	(C) 10/29/80
TRANSHUCLEAR	10/24/80 10/27/80 XSNM01757	34,901.000	1,159.033	3.32%	FUEL FOR UNTERWESER UNIT 1	W.GERMANY	(B) 10/27/80
TRANSHUCLEAR	10/24/80 10/27/80 XSNM01758	131,604.000	4,473.136	3.4%	MULTIPLE RELOADS FOR UNTERWESER	W.GERMANY	(B) 10/27/80
MITSUI & CO.	10/27/80 10/29/80 XSNM01759	5,429	146	3.95%	FUEL FOR FUKUSHIMA I, UNIT 5	JAPAN	(B) 10/29/80
EDLOW INT'L	10/27/80 10/31/80 XSNM01760	8,558	270	3.15%	ROUTINE RELOAD FOR GENKAI UNIT I	JAPAN	(B) 10/31/80
MITSUI & CO.	10/29/80 10/31/80 XSNM01761	28,380	792	3.95%	RELOAD FUEL FOR FUKUSHIMA I, UNIT 5	JAPAN	(B) 10/31/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
SPECIAL NUCLEAR MATERIAL (MINOR CASES)							
GENERAL ATOMIC	04/25/77 04/28/77 XSNM01123	19.1 + 5.8	3.79 + 1.160	19.9	FISSION CHAMBER FUEL FOR TRIGA MARK II	MALAYSIA	(C) 05/03/77 04/15/80 04/29/80
GENERAL ATOMIC	11/16/77 11/21/77 XSNM01230	1.372	.959	70	FUEL, TRIGA MARK II	YUGOSLAVIA	(C) 11/30/77
GENERAL ATOMIC	01/19/79 01/24/79 XSNM01442	12.900	2.570	19.900	FUEL FOR TRIGA I RESEARCH REACTOR	MOROCCO	(C) 02/05/79
BERKLINE INST.	06/27/79 07/02/79 XSNM01533	0.316 UGM PLUTONIUM-239			CALIBRATION OF RADIATION DETECTION INSTRUMENTS	CHILE	(C) 07/06/79
GENERAL ELECT.	08/11/80 08/15/80 XSNM01540(01)	ADD'L 2.00	ADD'L 0.25	11.0	INCREASE QUANTITY TO EXPORT	TAIWAN	(D) 10/28/80
GENERAL INTERN'L	10/02/79 10/04/79 XSNM01605	4 GMS DEPLETED URANIUM 20 GMS	0.050 GMS	1% THRU 50%	FOR RUNNING INTERNATIONAL ARBITRATION ANALYSIS & EXAMINING NUCLEAR MATERIAL AT ATOMIC POWER STATIONS	U.S.S.R.	(C) 12/04/79 06/18/80 05/23/80
ISOTOPE PROD.	12/06/79 12/31/79 XSNM01641	1 MG 1 MG 1 MG 0.121 UGM PU-238 32.2 UGM PU-239	0.030 MG 0.300 MGS 0.900 MG	3% 30% 90%	RES. & DEVELOP. BY POST-GRADUATE STUDENTS	PAKISTAN	(C) 01/31/80
GENERAL ATOMIC	03/14/80 03/24/80 XSNM01666	4.535	0.902	19.9	FUEL FOR TRIGA MARK II REACTOR AT BANDUNG	INDONESIA	(F) 09/16/80
GENERAL ATOMIC	05/13/80 05/19/80 XSNM01683	5.000	0.160	3.2	FOR ANALYSIS OF ANGRA FUEL	BRAZIL	(C) 05/23/80
GENERAL ATOMIC	06/20/80 06/30/80 XSNM01698	41.59 GMS 41.59 GMS	0.47 GMS 0.34 GMS	1.12 0.81	HOKE TUBES FOR R&D OF ULTRA CENTRIFUGE FOR URANIUM ENRICHMENT	JAPAN	(C) 07/14/80

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
WESTINGHOUSE	07/01/80 07/08/80 XSNM01700	0.800	0.035	3.45	SAMPLES FOR ANALYSIS FOR QUALITY CONTROL AUDIT	SWITZERLAND	(G) 08/21/80
EBERLINE INSTR.	07/18/80 07/24/80 XSNM01708	32.40 UGM	PU-239		CALIBRATION OF RADIATION DETECTION INSTRUMENTS	BRAZIL	(C) 08/04/80
REACTOR EXPER.	08/08/80 08/11/80 XSNM01716	0.102 MGS	0.095 MGS	93.15	FISSION TRACK STUDIES BY POST-GRADUATE STUDENTS AT AT UNIV. ALEXANDRIA	EGYPT	(C) 08/15/80
EDLOW INT'L	08/27/80 08/28/80 XSNM01722	10.000 GMS	0.127 GMS	1.5	ANALYTICAL STANDARDS OF SPECTROPHOTOMETRY	JAPAN	(C) 08/29/80
TRANSNUCLEAR	09/03/80 09/04/80 XSNM01723	1.840	0.016	0.9036	CLEANING OF "HEELS" FROM CYLINDER	FRANCE	(E) 10/24/80
TRANSNUCLEAR	09/08/80 09/09/80 XSNM01724	4.416	2.005	45.4	FOR TESTING OF THE PROTOTYPE FUEL ELEMENTS IN SAPHIR REACTOR	SWITZERLAND	(C) 09/22/80
TRANSNUCLEAR	09/08/80 09/09/80 XSNM01727	3.735	1.704	45.4	FUEL FOR THE ASTRA REACTOR	AUSTRIA	(C) 09/17/80
GENERAL ATOMIC	09/08/80 09/12/80 XSNM01728	4.334	0.862	19.9	FUEL ELEMENTS FOR THE CNEN	ITALY	(E) 10/24/80
MITSUI & CO.	09/05/80 09/08/80 XSNM01729	0.699	0.124	4.91	DEPL. STANDARD SAMPLES FOR MASS ANALYSIS BY A MASS SPECTROGRAPH	JAPAN	(C) 10/17/80
SEAMODAL TRANSPORT	09/18/80 09/24/80 XSNM01737	580.000 GMS	316.662 GMS	1.003 97.663	NBS STANDARDS FOR RESALE TO EURATOM LAB. FOR CALIBRATION OF SCIENTIFIC EQUIP.	BELGIUM	(C) 10/03/80
		72.5 GMS	PLUTONIUM				

NAME OF APPLICANT	DATE OF APPL DATE RECEIVED LICENSE NUMBER	QUANTITY & KIND OF MATERIAL (KILOGRAMS)			USAGE	COUNTRY OF DESTINATION	STATUS
		ELEMENT	ISOTOPE	PERCENT			
ESTINGHOUSE	08/14/80 08/19/80 XB001105	240 MGS NP-237 907 UGM CF-252			FOR TAIWAN UNITS 7 & 8	TAIWAN	(D) 10/28/80
DLOW INT'L	10/08/80 10/14/80 XB001109	50,000 CURIES TRITIUM			FOR RESALE FOR NON-NUCLEAR END USES	UNITED KINGDOM	(C) 10/23/80
DLOW INT'L	10/08/80 10/14/80 XB001110	100,000 CURIES TRITIUM			TO PRODUCE LABELLED COMPOUNDS FOR RESALE	UNITED KINGDOM	(C) 10/23/80
REACTOR EXPERIMENTS	10/16/80 10/20/80 XB001111	0.2014 MGS NP-237			FOR REACTOR DOSIMETRY AT KALPAKKAM	INDIA	(C) 10/23/80
RANSNUCLEAR	10/20/80 10/20/80 XB001112	572 MCI CF-252			FOR MEASUREMENT OF FISSILE MATERIAL	W.GERMANY	(H) 10/20/80
ESTINGHOUSE	10/23/80 10/27/80 XB001113	90 UCI NP-237			RADIATION SURVEILLANCE CAPSULES FOR KORI UNIT 2	S.KOREA	(C) 10/29/80
ISOTOPE PRODUCTS	10/23/80 10/31/80 XB001114	25 UGM CURIUM-244			FOR RESEARCH PURPOSES	W.GERMANY	(H) 10/31/80
.K.TREASURY SUPPLY DELEGATION	05/05/80 05/07/80 XB002000	35 CURIES TRITIUM LESS THAN 1 GM DEUTERIUM			FOR RESEARCH PURPOSES	UNITED KINGDOM	(C) 05/15/80

NAME OF APPLICANT	DATE OF APPLICATION DATE RECEIVED LICENSE NUMBER	DESCRIPTION	COUNTRY OF DESTINATION	STATUS
NISSHO-IWAI	09/15/80 09/22/80 XMAT0139	660 KGS DEUTERIUM FOR USE IN JAERI'S JRR2 AND JRR3 REACTOR	JAPAN	(C) 09/30/80
COMMONWEALTH OF AUSTRALIA	09/25/80 09/29/80 XMAT0143	660 KGS DEUTERIUM IN THE HIFAR RESEARCH REACTOR	AUSTRALIA	(C) 10/03/80
ALDRICH CHEMICAL	10/08/80 10/14/80 XMAT0146	5 KGS DEUTERIUM FOR NMR APPLICATIONS IN ANALYTICAL CHEMISTRY	INDIA	(D) 10/14/80
SIGMA CHEMICAL	10/20/80 10/24/80 XMAT0149	10 KGS DEUTERIUM FOR NMR APPLICATIONS IN ANALYTICAL CHEMISTRY	NEW ZEALAND	(H) 10/24/80

NAME OF APPLICANT	DATE OF APPLICATION DATE RECEIVED LICENSE NUMBER	DESCRIPTION	COUNTRY OF DESTINATION	STATUS
GENERAL ATOMIC	04/26/79 04/30/79 XCOM0237	MIS. COMPONENTS FOR UA-RR-1 RES. REACTOR VALUE \$40,605.	EYGPT	(C) 05/03/79
CHASE NUCLEAR	10/10/79 10/16/79 XCOM0315	75,000 LBS ZIRCONIUM EXTRUDED TUBES FOR COOLANT PUMPS FOR ENTERPRISE CERNAVODA I VALUE \$2,600,000.	ROMANIA	(D) 10/17/80
BYRON JACKSON	03/06/80 03/11/80 XCOM0377	SPECIALY DESIGNED PARTS AND COMPONENTS FOR TARAPUR VALUE \$3,000,000.	INDIA	(C) 03/18/80
ELEDYNE WAH CHANG	03/21/80 03/21/80 XCOM0385	237,600 LBS ZIRCALOY TREX TUBES FOR CORDOBA AND ATUCHA I VALUE \$4,835,000.	ARGENTINA	(C) 03/31/80
HEUTER-STOKES, INC.	05/13/80 05/14/80 XCOM0407	15 PIECES OF LPRM ASSEMBLIES FOR IN-CORE FLUX MAPPING AT TARAPUR VALUE \$300,000.	INDIA	(C) 05/21/80
ROCKWELL INT'L	05/14/80 06/03/80 XCOM0409	GLOBE STOP VALVES FOR USE AT TARAPUR VALUE \$13,420.	INDIA	(C) 06/03/80
WESTINGHOUSE ELECTRIC	05/15/80 05/20/80 XCOM0410	THREE FISSION CHAMBERS FOR PARR RESEARCH REACTOR	PAKISTAN	(C) 05/30/80
ELEDYNE PRECISION	05/29/80 06/03/80 XCOM0412	BUTT WELDER TO WELD END CAPS ON ZIRCALOY-4 CLAD FUEL RODS FOR TECCA FABRICATION FACILITY VALUE \$226,665.	ARGENTINA	(C) 06/05/80

NAME OF APPLICANT	DATE OF APPLICATION DATE RECEIVED LICENSE NUMBER	DESCRIPTION	COUNTRY OF DESTINATION	STATUS
REUTER-STOKES	06/25/80 06/27/80 XCOM0421	FOUR FISSION COUNTERS FOR RESEARCH REACTOR VALUE \$7,690.	MEXICO	(C) 07/09/80
REUTER-STOKES	UNDATED 07/22/80 XCOM0427	ONE FISSION COUNTER FOR RESEARCH REACTOR VALUE \$2,500.	URUGUAY	(C) 07/23/80
GENERAL ATOMIC	07/18/80 07/25/80 XCOM0430	MISC. PARTS FOR TRIGA MARK II RESEARCH REACTORS AT BANDUNG VALUE \$200,000.	INDONESIA	(E) 10/17/80
WESTINGHOUSE	08/20/80 08/22/80 XCOM0442	TWO DETECTORS FOR BEZNAU 1 & 2 VALUE \$19,380.	SWITZERLAND	(G) 08/22/80
CARPPENTER TECH.	08/26/80 09/02/80 XCOM0444	480 ZIRCALOY FUELCHANNELS FOR CAORSO NUCLEAR POWER PLANT VALUE \$2,850,000.	ITALY	(H) 09/02/80
GENERAL ATOMIC	09/08/80 09/12/80 XCOM0446	MISCELLANEOUS SPECIALLY DESIGNED PARTS AND COMPONENTS FOR TRIGA CNEN AT PAVIA AND TRIGA AT CASSACCIA VALUE \$200,000.	ITALY	(H) 09/12/80
BYRON JACKSON PUMP DIV.	09/25/80 10/20/80 XCOM0449	MISCELLANEOUS PARTS AND COMPONENTS FOR USE IN COOLANT PUMPS FOR LEIBSTADT REACTOR	SWITZERLAND	(G) 10/20/80
WESTINGHOUSE	10/16/80 10/20/80 XCOM0450	ONE PROPORTIONAL COUNTER FOR USE IN POWER REACTOR IN W.GERMANY VALUE \$740.	W.GERMANY	(H) 10/20/80
WESTINGHOUSE	10/16/80 10/21/80 XCOM0451	5 IONIZATION CHAMBERS FOR BUGEY AND BLAYAIS VALUE \$39,300.	FRANCE	(H) 10/21/80
WESTINGHOUSE	10/22/80 10/27/80 XCOM0453	ONE COMPENSATED IONIZATION CHAMBER FOR BANDUNG RESEARCH REACTOR VALUE \$3,055.	INDONESIA	(C) 10/28/80
SAGINAW STEERING	10/20/80 10/30/80 XCOM0454	BALL BEARING SCREW ASSEMBLIES FOR PICKERING VALUE \$182,520.	CANADA	(H) 10/30/80

SUMMARY AND STATUS OF CONSOLIDATION

- Background Information on the Interim Consolidation of NRC
- Chronology of Events

November 14, 1980

BACKGROUND INFORMATION ON THE
INTERIM CONSOLIDATION OF NRC

- ° The NRC is presently located in ten different buildings in the following locations: Washington, D.C., Silver Spring, Rockville and Bethesda, Maryland. The problems associated with this split operation have been documented by both the Kemeny Commission and the Rogovin Reports which called for urgent action to consolidate the agency.
- ° GSA has been developing plans for a permanent headquarters for the agency. These plans will require approval of the House and Senate Public Works Committees, in addition to Congressional appropriation of over \$115 million. A permanent solution to NRC's space problem is at least six years away, according to the most optimistic estimates.
- ° Since consolidation in one building cannot be achieved for many years, one alternative solution is partial consolidation of the agency in two locations. Such a consolidation plan has been developed by NRC and endorsed by OMB. This plan involves consolidating the agency in two primary locations in downtown Washington at 1717 H Street, N.W., and in a group of four adjacent buildings in Bethesda, Maryland. While the interim consolidation plan falls short of consolidation in one location, it would provide a substantial improvement over the existing dispersal in ten buildings in five locations.
- ° Another interim solution for consolidation suggested by GAO is to move the Commissioners to Bethesda. NRC's response maintained that this proposal would not reduce the dispersal of the NRC staff.
- ° Recently there have been discussions between Montgomery County and GSA concerning county owned land in Silver Spring. GSA will survey the land to determine if the site is large enough for the NRC.

CHRONOLOGY OF EVENTS

- April 1977 NRC EDO testified before Senate Committee on Environment and Public Works on need for consolidation emphasizing the acute problems of NRC's housing.
- May 1977 Senate Committee on Environment and Public Works directed GSA (with NRC) to investigate feasibility and need for consolidating in Washington area.
- Aug. 1977 GSA recommended phased consolidation of NRC in leased space in a building to be constructed in Washington, D.C.
- Oct. 1977 House Committee on Public Works and Transportation approved consolidation provided GSA obtain 600,000 square feet in one building.
- April 1978 Senate Committee on Environment and Public Works directed GSA to further consider locating NRC in Montgomery County.
- July 1978 GSA report recommended consideration of two locations in D.C., and three in Montgomery County be considered.
- Early 1979 Acute space problems, caused by NRC staff growth, demanded interim relief. GSA secured limited space in Air Rights II building in Bethesda.
- Mar. 1979 TMI-2 accident.
- May 1979 Environmental Impact Statement completed for move to downtown Washington and other locations.
- Oct. 1979 Kemeny Commission Report. "...geographical spread, which places top management in Washington and most of the staff in Bethesda and Silver Spring ... inhibits easy exchange of ideas." Agency "... should be located in same building or group of buildings."
- Jan. 1980 Special Inquiry Group (Rogovin Report) "... physical separation of the Commission from the staff, and of staff offices and branches from one another, is not only time-wasting but also encourages a poor working relationship and fragmentation of the staff."
- April 1980 OMB directed GSA to provide interim consolidation in Bethesda and Matomic Building.
- June 1980 At request of Montgomery County further investigation made by GSA to find space in County. Best possibility required location in eight buildings in three locations.
- Aug. 1980 House Committee on Public Works and Transportation agreed to resolution to eventually consolidate NRC in Silver Spring. Resolution directed GSA to consolidate NRC in the interim in "suitable space in Bethesda." Adequate space has not been found in Bethesda.
- Sept. 1980 GAO Report. Concluded that acceptable alternative to OMB interim consolidation plan was to move Commissioners to Bethesda. NRC's response maintained this proposal did not reduce the dispersal of the NRC staff.

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

With the revision in 1957 of the Atomic Energy Act, the U.S. Congress established the Advisory Committee on Reactor Safeguards (ACRS) as a statutory Committee. The ACRS is an independent panel of advisors charged with the responsibility to review safety studies as well as the construction permit and operating license applications for nuclear power reactors and other nuclear facilities. The findings of the ACRS are reported to the Nuclear Regulatory Commission and are made a part of the public record.

The Committee also provides advice to the Commission on a wide variety of safety-related issues such as the hazards of existing or proposed reactor facilities, the adequacy of proposed reactor safety standards, reactor safety research activities, specific technical issues of a topical nature, and the safety of operating nuclear power reactors. Topical reviews are performed by the Committee upon request by the NRC Commissioners or upon its own initiative. In addition, when requested by the Department of Energy (DOE), the Committee reviews and provides reports with regard to the possible hazards of DOE nuclear facilities and activities.

An expansion of the Committee's statutory responsibilities (Public Law 95-209) requires that the Committee review the NRC's Reactor Safety Research Program and submit an annual report to the Congress regarding its adequacy.

To assist the Advisory Committee on Reactor Safeguards in carrying out its function, the Congress has authorized the Committee to establish a fellowship program under which persons having appropriate engineering or scientific expertise are assigned particular tasks relating to the functions of the Committee. These ACRS fellowships are for 2-year periods and the recipients are selected pursuant to criteria established by the Committee.

[Attached to the original: NUREG-0657, NUREG-0699]

ADDITIONAL INFORMATION ON THE SCHEDULE OF LICENSING ACTIONS
FOR POWER PLANTS

- Dircks to Commission memo dated October 1, 1980

OCT 1 1980

MEMORANDUM FOR: Chairman Ahearne
FROM: William J. Dircks, Executive Director for Operations
SUBJECT: UPDATE OF TARGET SCHEDULES FOR OPERATING LICENSE REVIEWS PROVIDED TO THE HOUSE APPROPRIATIONS SUBCOMMITTEE IN APRIL 1980

Per your request at a recent staff meeting, we have updated the target schedules for operating license reviews which were provided to the House Appropriations Subcommittee (Bevill Schedules) in April 1980.

The update of these target schedules is enclosed. Also enclosed is a brief discussion of the manner in which these schedules were developed. An additional eighteen plants were added to the list to reflect operating license activity through 1985. Also enclosed is an annotated copy of the original target schedules.

Since April the staff has issued two full-power operating licenses on or ahead of the April Bevill schedule (North Anna 2 and Sequoyah 1). In addition, the staff has prepared another three low power SER's within 0-3 months of the April schedules (Farley 2, Salem 2 and Diablo Canyon). One of these facilities has been issued a low power operating license and one has been submitted to a hearing board. For the other facility, Farley 2, the staff has completed its review and the Commission has approved issuance of the license about six weeks prior to the estimated construction completion date.

As anticipated in April many of the facilities for which target schedules were developed have experienced construction delays. Based on a recent staff survey of applicant estimates for construction completion dates, the Caseload Forecast Panel has updated the estimates for construction completion dates. Using these new dates, as well as revised estimates for decision actions including cases in the hearing process, the April target schedules were revised. Of the original forty facilities of the April 2 list, two OL's were issued on or before schedule, 20 OL issue dates have changed and 9 OL issue dates remained unchanged. The majority of the changes resulted from delays in construction completion. The number of impacted plants (delayed by licensing) has increased from three to five.

With respect to the six active CP's, the staff prepared a status report on the six active CP's in response to questions received from the House Appropriations Committee in April 1980. There have been no significant changes in the status of the six active CP proceedings. The CP applicants are awaiting the publication of

DUPLICATE

DUPE: 8012080407

OFFICE					
SURNAME					
DATE					