



INTERNATIONAL ATOMIC ENERGY AGENCY



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IAEA-CPS-95/18
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COUNTRY PROGRAMME SUMMARY

THE AGENCY'S TECHNICAL CO-OPERATION

PROGRAMME WITH THE

ISLAMIC REPUBLIC OF IRAN

1985 - 1995

COUNTRY PROGRAMME SUMMARIES

DEPARTMENT OF TECHNICAL CO-OPERATION

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EVALUATION SECTION

DEPARTMENT OF TECHNICAL CO-OPERATION

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ISLAMIC REPUBLIC OF IRAN
1985 - 1995
COUNTRY PROGRAMME SUMMARIES**

This report contains a review of the Agency's technical co-operation activities in the Islamic Republic of Iran carried out during 1985 - 1995. In terms of coverage and analytical depth, country programme summaries stand somewhere midway between in-depth country programme evaluations and individual project evaluations. They attempt to provide a comprehensive, descriptive picture of the Agency's co-operation with a Member State in a manner that will be particularly useful for programming decisions. The attempt is very much to describe -- largely through statistical data -- not to provide independent analysis and evaluation.

ISLAMIC REPUBLIC OF IRAN

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INTRODUCTION

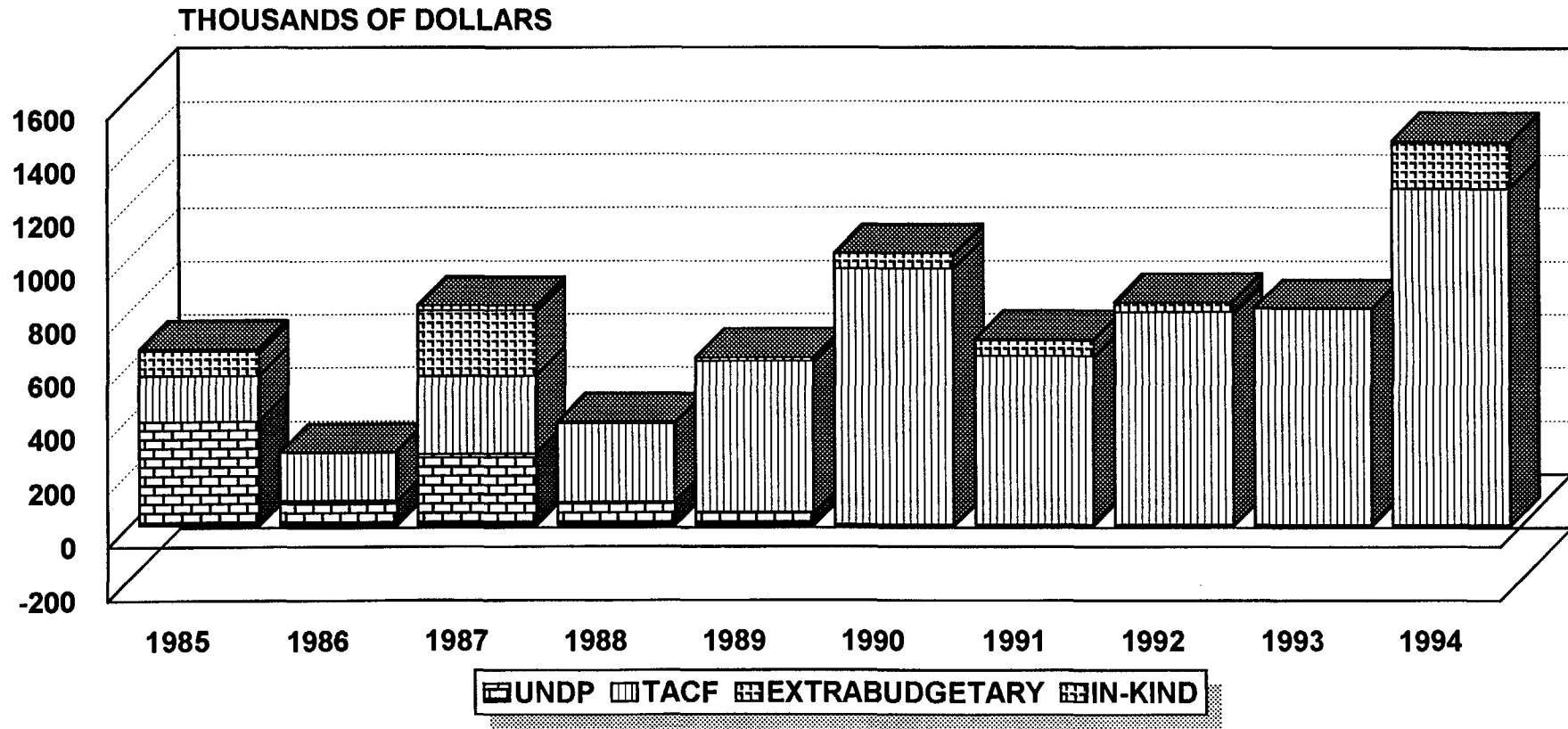
The country programme summary reported on here is one in the series of such studies being undertaken of the Agency's TC programme with Member States. With almost \$9.7 million of Agency support received, the Islamic Republic of Iran ranks 24th among all recipients of technical assistance during the period 1958 through 1994.

More than half of the assistance received over the past ten years has been provided in the form of equipment (53%), complemented by experts and training (22% each) as well as sub-contracted expert services and group training (3%). The best part of the resources were made available through the TACF (79%), the rest was provided by UNDP (11.5%), through extra-budgetary contributions (8%) and through assistance in kind (1.5%).

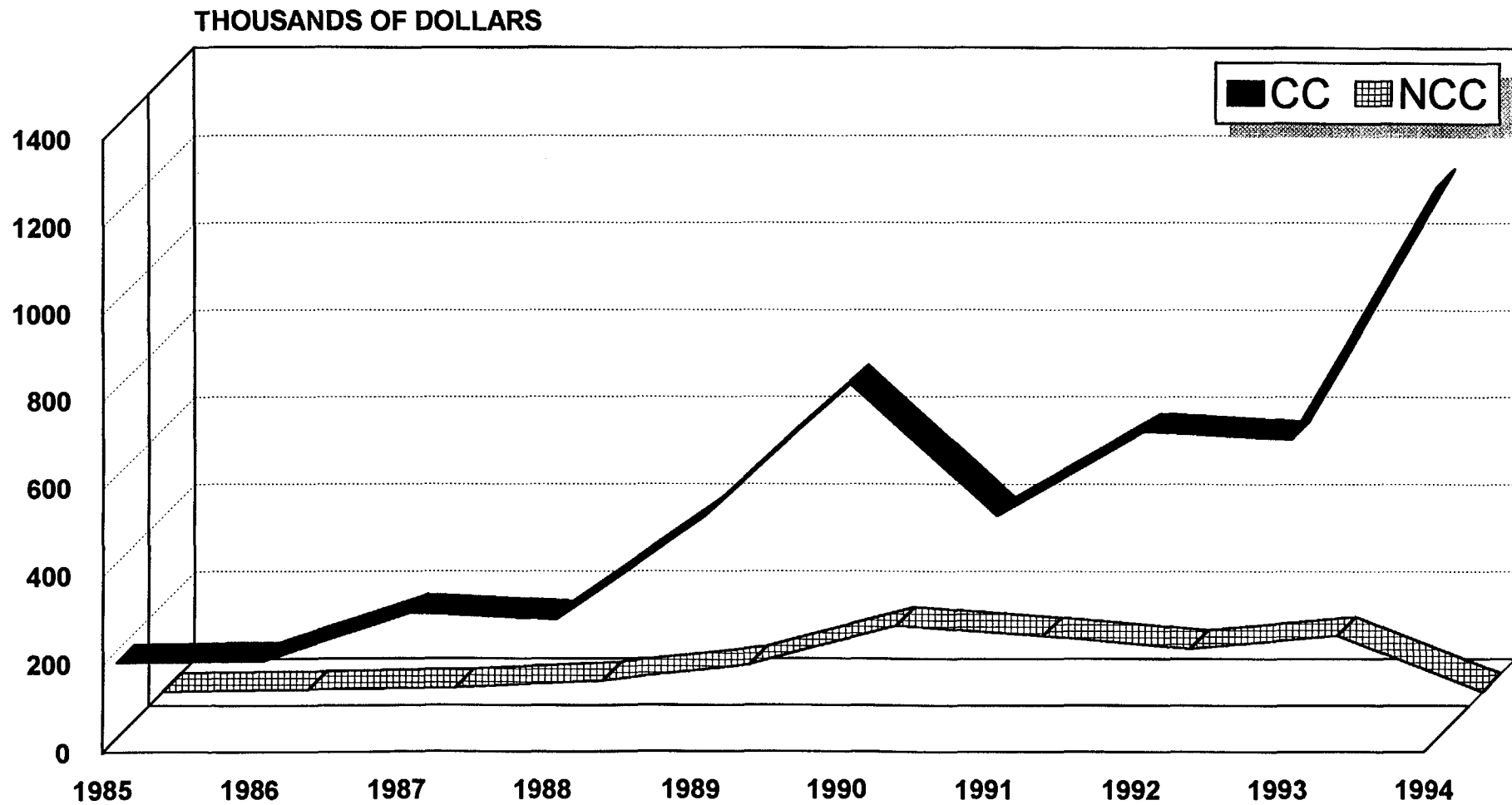
The two major sectors of assistance during the past ten years were industry and hydrology (27%) and nuclear safety (20%), followed by general atomic energy development, nuclear engineering and technology, and nuclear physics and chemistry (12% each), nuclear raw materials (11%) and agriculture (6%).

Since 1985, scientists from the Islamic Republic of Iran have completed 107 assignments as Agency experts and training course lecturers or as participants in research co-ordination meetings. During the same period, the country has hosted three fellowships and scientific visits, as well as two regional group training courses for a total of 16 participants.

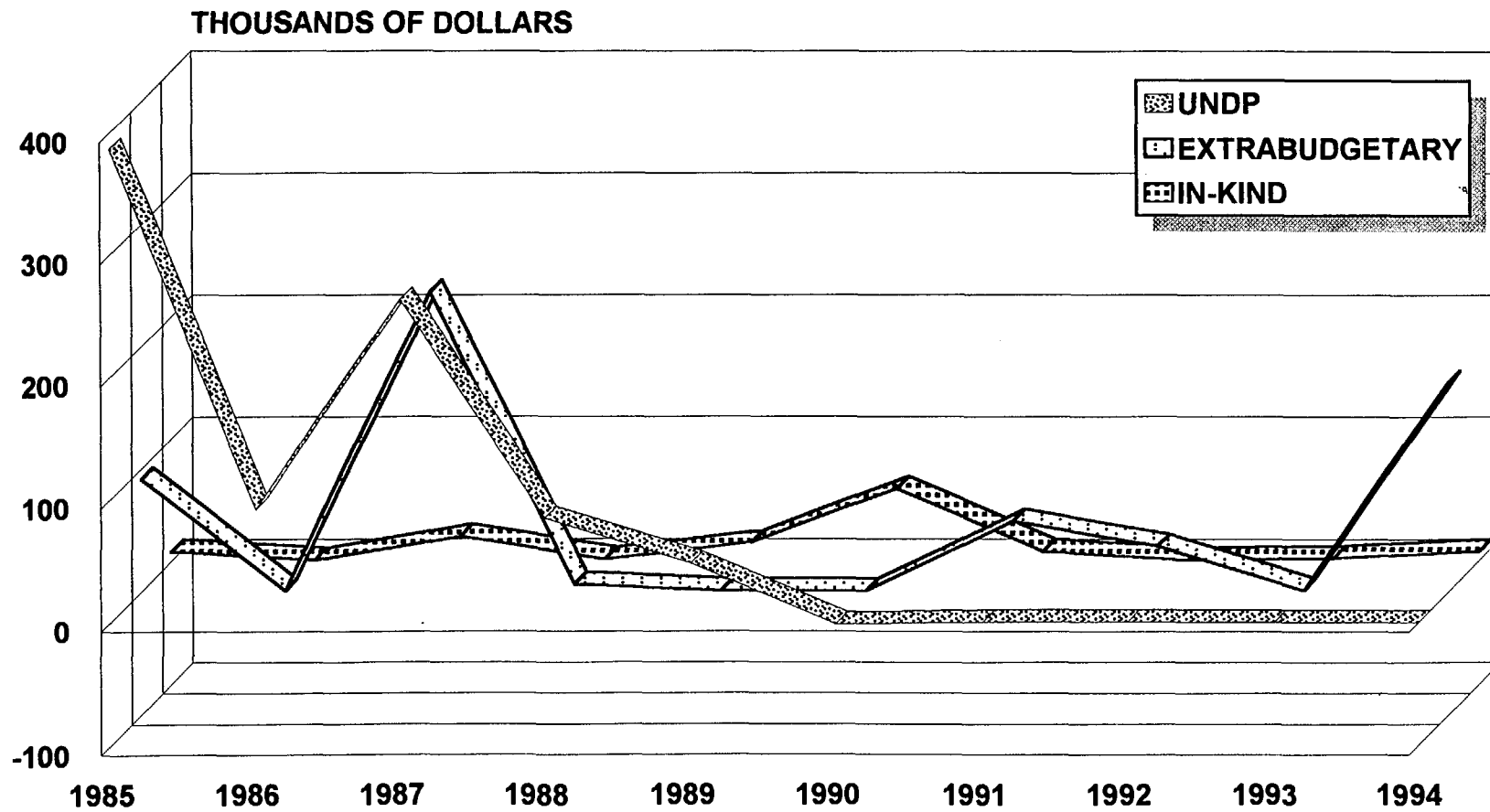
ASSISTANCE PROVIDED BY THE AGENCY TO IRAN BY SOURCE (1985 - 1994)



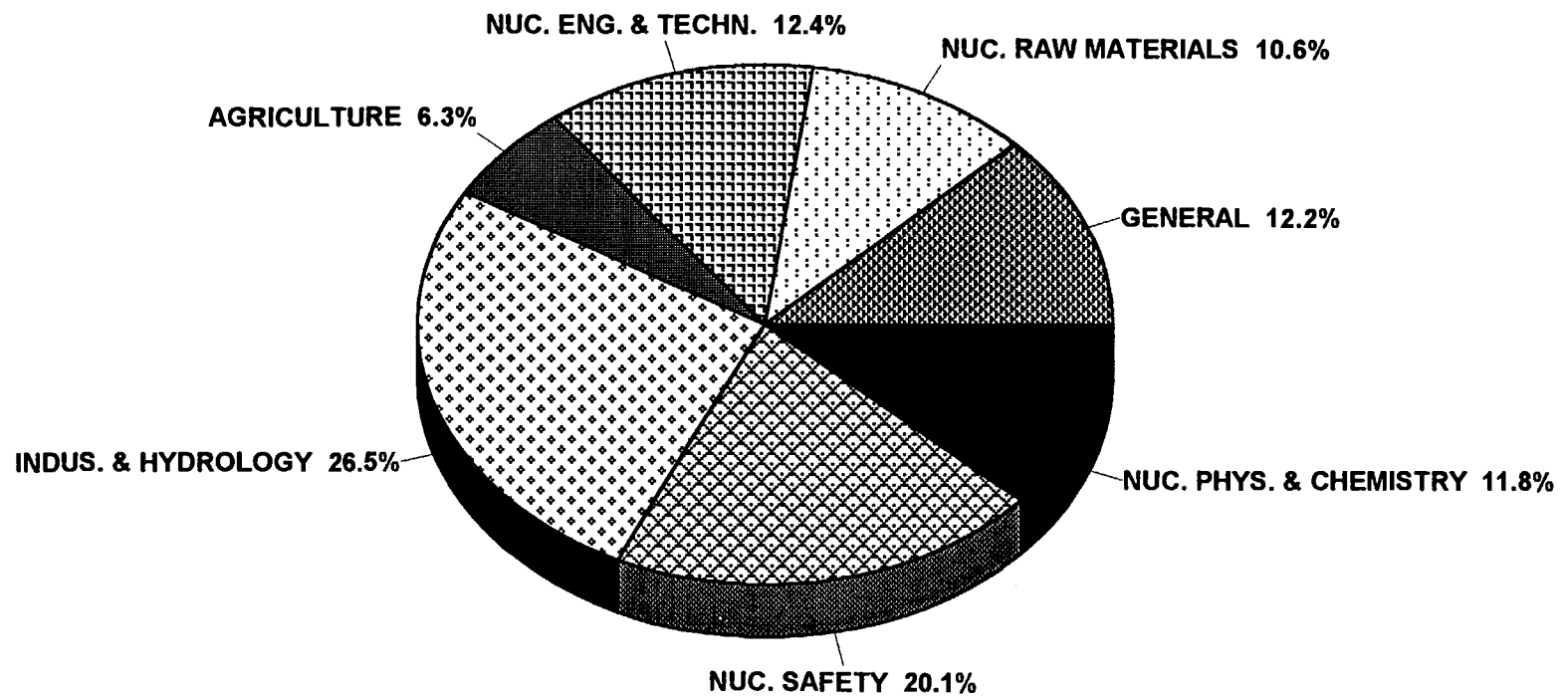
TACF ASSISTANCE PROVIDED TO IRAN (1985 - 1994)



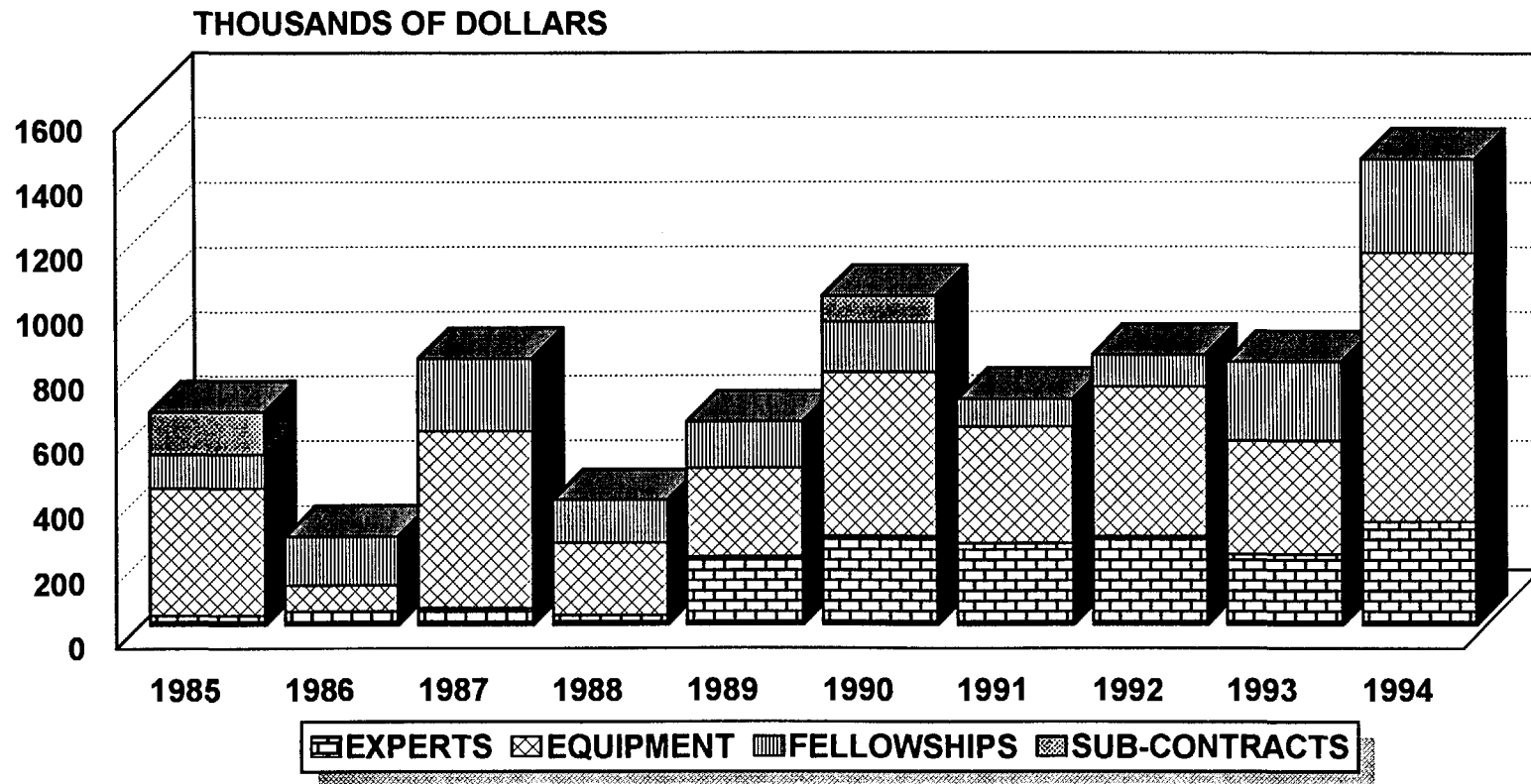
UNDP, EXTRABUDGETARY AND IN-KIND ASSISTANCE PROVIDED TO IRAN (1985 - 1994)



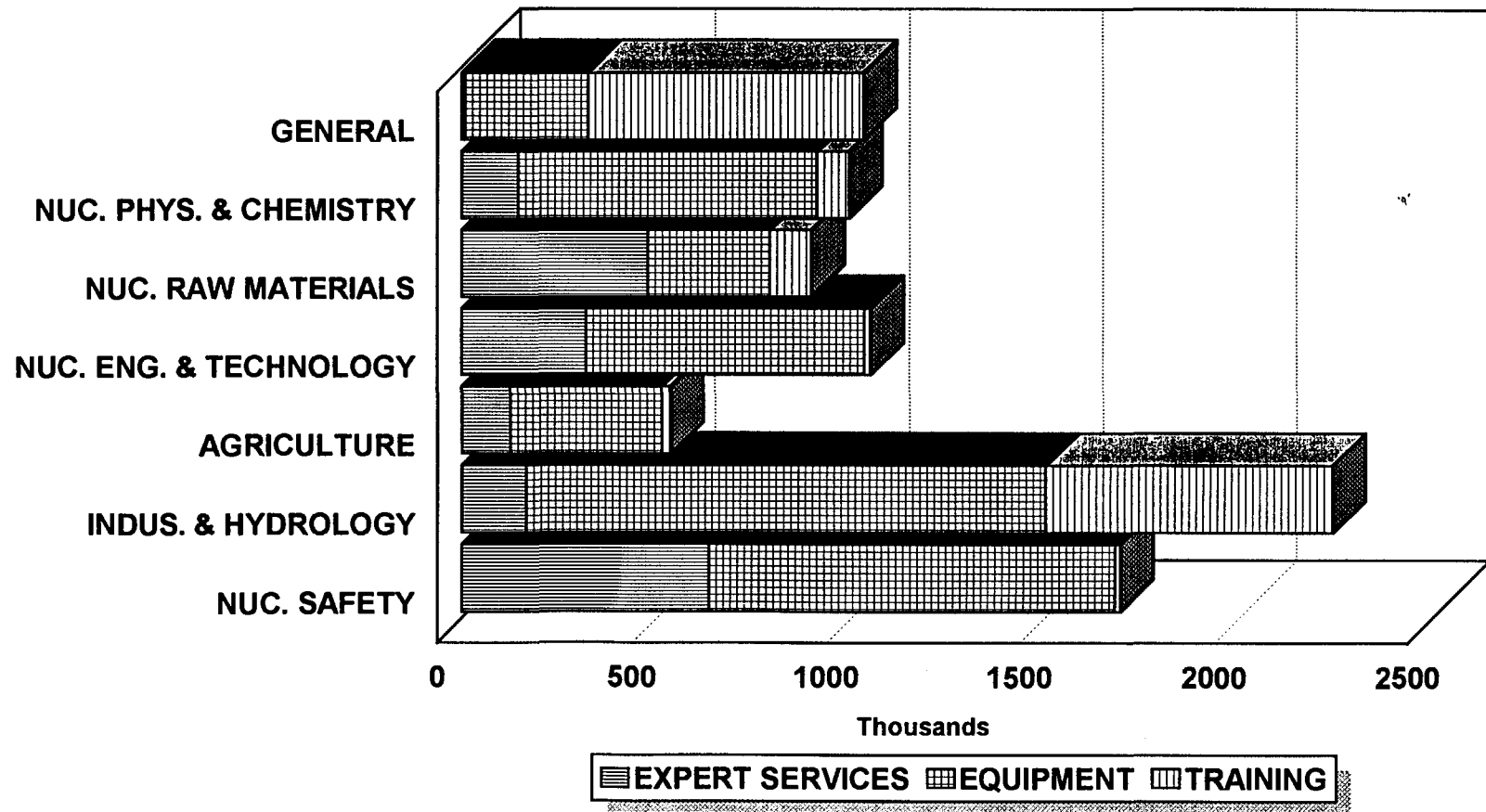
TC PROJECT DISBURSEMENTS IN IRAN BY SECTOR (1985 - 1995)



ASSISTANCE PROVIDED BY THE AGENCY TO IRAN BY TYPE (1985 - 1994)



EXPERT SERVICES, EQUIPMENT AND PROJECT-FUNDED TRAINING PROVIDED TO IRAN BY SECTOR (1985 - 1995)



THE AGENCY'S TECHNICAL CO-OPERATION PROGRAMME WITH IRAN

ALL SOURCES

IRAN'S RANKING AS A TC RECIPIENT
1958 - 1994
(in \$1000)

YEAR	RANKING	AMOUNT
1958-84	35 th	2130.0
1985	12 th	656.3
1986	39 th	270.5
1987	17 th	820.2
1988	27 th	382.4
1989	15 th	624.7
1990	12 th	1014.4
1991	16 th	694.7
1992	11 th	831.9
1993	5 th	810.1
1994	2 nd	1438.5
1958-94	24 th	9673.7

**"TOP FIVE" RECIPIENTS OF AGENCY ASSISTANCE
1958 - 1994 (in \$1000)**

ALL SOURCES

Year	I	II	III	IV	V	IRAN
1958-84	EGY 10650.4	BRA 9513.7	PER 7574.2	IND 7412.8	PHI 6679.0	35 th - 2130.0
1985	EGY 2494.8	PER 1120.7	THA 1117.4	BGD 1068.2	PHI 963.7	12 th - 656.3
1986	EGY 2317.0	BRA 1452.9	THA 1169.4	POL 1050.3	BGD 896.4	39 th - 270.5
1987	HUN 3452.6	EGY 1775.4	THA 1742.4	INS 1312.5	YUG 1223.2	17 th - 820.2
1988	EGY 1486.9	BUL 1361.6	CPR 1278.5	THA 1158.7	BRA 1096.7	27 th - 362.4
1989	CPR 1542.3	EGY 1505.1	THA 1205.3	BRA 1096.5	INS 999.1	15 th - 624.7
1990	POL 2308.1	CPR 2005.0	VIE 1589.2	INS 1412.6	BRA 1229.1	12 th - 1014.4
1991	INS 1305.2	CPR 975.0	EGY 959.8	BRA 951.2	BUL 934.7	16 th - 694.7
1992	EGY 1586.3	INS 1342.1	CPR 1328.8	MEX 1127.8	POL 1036.4	11 th - 831.9
1993	INS 1285.9	CPR 1091.7	PAK 1012.2	EGY 905.3	IRA 810.1	5 th - 810.1
1994	URT 2153.3	IRA 1438.5	CPR 1336.1	ARG 1225.8	GHA 1166.9	2 nd - 1438.5
1958-94	EGY 25492.2	BRA 19165.8	THA 16827.6	INS 16088.4	PER 14350.7	24 th - 9673.7

**"TOP FIVE" RECIPIENTS OF AGENCY ASSISTANCE
1958 - 1994 (in \$1000)**

TECHNICAL ASSISTANCE AND CO-OPERATION FUND

Year	I	II	III	IV	V	IRAN
1958-84	EGY 4652.4	HUN 3458.4	PAK 3272.4	THA 2825.4	CUB 2761.7	57 th - 586.1
1985	BGD 991.8	VIE 745.0	THA 708.7	BRA 571.8	POR 538.7	41 st - 170.4
1986	BRA 1381.8	THA 871.9	POL 833.5	BGD 823.9	SYR 751.8	42 nd - 178.8
1987	HUN 3305.2	DRK 986.8	BUL 888.5	INS 885.8	EGY 878.9	33 rd - 292.1
1988	BUL 1195.6	PER 856.5	EGY 768.6	INS 751.7	MAL 656.0	24 th - 292.6
1989	EGY 990.9	CPR 868.2	POR 769.6	CHI 756.9	MAL 619.4	8 th - 562.9
1990	POL 1562.3	VIE 1518.8	DRK 1156.2	IRA 958.0	YUG 933.4	4 th - 958.0
1991	BUL 893.1	PAK 868.8	INS 855.1	VIE 817.6	CPR 814.5	8 th - 630.5
1992	EGY 1255.7	CPR 1009.0	VIE 872.8	INS 826.6	IRA 795.5	5 th - 795.5
1993	INS 1040.5	CPR 896.5	PAK 847.6	IRA 807.4	THA 721.5	4 th - 807.4
1994	URT 1392.9	IRA 1260.8	ARG 1206.5	CPR 1022.8	PAK 933.0	2 nd - 1260.8
1958-94	EGY 12209.1	PAK 9896.2	INS 9666.8	POL 9602.4	VIE 9566.6	20 th - 6535.1

ASSISTANCE PROVIDED BY THE AGENCY TO IRAN

Financial Summary 1985 - 1994
(In thousands of dollars)

Year	ASSISTANCE PROVIDED, BY TYPE						ASSISTANCE PROVIDED, BY SOURCE					
	Experts	Equipment	Fellowships	Group training	Sub-contracts	Total	UNDP	TACF CC	TACF NCC	Extra-budgetary	In-kind	Total
1985	29.3	391.2	104.3	-	131.5	656.3	387.0	170.4	-	91.5	7.4	656.3
1986	41.3	80.3	148.9	-	-	270.5	91.4	174.4	4.4	-	0.3	270.5
1987	50.7	545.5	224.0	-	-	820.2	263.7	283.3	8.8	245.0	19.4	820.2
1988	28.2	222.7	131.5	-	-	382.4	84.0	268.0	24.6	5.3	0.5	382.4
1989	207.5	272.9	144.3	-	-	624.7	47.5	502.7	60.2	-	14.3	624.7
1990	271.5	506.8	155.9	-	80.2	1 014.4	(2.0)	808.0	150.0	-	58.4	1 014.4
1991	250.2	358.6	85.9	-	-	694.7	-	504.7	125.8	56.8	7.4	694.7
1992	271.2	460.9	99.8	-	-	831.9	-	697.8	97.7	36.4	-	831.9
1993	215.2	350.1	244.8	-	-	810.1	-	679.7	127.7	0.5	2.2	810.1
1994	316.6	831.7	290.2	-	-	1 438.5	-	1 260.8	-	170.5	7.2	1 438.5
1985-94	1 681.7	4 020.7	1 629.6	-	211.7	7 543.7	871.6	5 349.8	599.2	606.0	117.1	7 543.7

TECHNICAL CO-OPERATION PROJECTS IN IRAN
BY SECTOR

PROJECTS COMPLETED AND OPERATIONAL 1985 - 1995

TOTAL PROJECT ALLOTMENTS AND DISBURSEMENTS
(As of mid-September 1995)

SECTOR	NO. OF PROJECTS	ALLOTMENTS \$	% OF TOTAL	DISBURSEMENTS \$	% OF TOTAL
General atomic energy development	2	1 051 930	10.6	1 032 234	12.2
Nuclear physics and chemistry	5	1 057 703	10.7	995 755	11.8
Nuclear raw materials	3	879 078	8.9	899 194	10.7
Nuclear engineering and technology	9	2 083 481	21.0	1 050 564	12.4
Nuclear techniques in agriculture	4	644 268	6.5	535 326	6.3
Nuclear medicine	-	-	-	-	-
Nuclear techniques in biology	-	-	-	-	-
Nuclear techniques in industry and hydrology	6	2 482 634	25.0	2 242 014	26.5
Nuclear safety	6	1 710 500	17.3	1 694 110	20.1
TOTAL	35	9 909 594	100.0	8 449 197	100.0

TECHNICAL CO-OPERATION PROJECTS IN IRAN
 COMPLETED AND OPERATIONAL, BY SECTOR, 1985 - 1995
 (As of mid-September 1995)

Sector	No. of projects	Total project allotments \$	Total project disbursements \$
<u>Completed projects</u>			
General atomic energy development	1	312 693	312 693
Nuclear physics and chemistry	3	907 073	943 490
Nuclear raw materials	2	757 328	875 964
Nuclear engineering and technology	3	128 947	123 572
Nuclear techniques in agriculture	-	-	-
Nuclear medicine	-	-	-
Nuclear techniques in biology	-	-	-
Nuclear techniques in industry & hydrology	2	1 667 304	1 667 304
Nuclear safety	5	994 680	1 097 415
TOTAL	16	4 768 025	5 020 438
<u>Operational projects</u>			
General atomic energy development	1	739 237	719 541
Nuclear physics and chemistry	2	150 630	52 265
Nuclear raw materials	1	121 750	23 230
Nuclear engineering and technology	6	1 954 534	926 992
Nuclear techniques in agriculture	4	644 268	535 326
Nuclear medicine	-	-	-
Nuclear techniques in biology	-	-	-
Nuclear techniques in industry & hydrology	4	815 330	574 710
Nuclear safety	1	715 820	596 695
TOTAL	19	5 141 569	3 428 759

EXPERT SERVICES, EQUIPMENT AND PROJECT-FUNDED TRAINING PROVIDED TO IRAN, BY SECTOR
 PROJECTS COMPLETED AND OPERATIONAL 1985 - 1995
 (As of mid-September 1995)

FIELD	TOTAL PROJECT ALLOTMENTS				TOTAL PROJECT DISBURSEMENTS			
	EXPERT SERVICES		EQUIPMENT	TRAINING	EXPERT SERVICES		EQUIPMENT	TRAINING
	M/M	\$	\$	\$	M/M	\$	\$	\$
General atomic energy development	0/15	4 650	312 693	734 587	0/18	9 164	312 693	710 377
Nuclear physics and chemistry	16/10	140 027	831 621	86 055	13/05	144 203	768 112	83 440
Nuclear raw materials	40/28	370 900	380 592	127 586	33/22	476 797	315 998	106 399
Nuclear engineering and technology	56/21	627 375	1 197 500	258 606	24/25	318 132	717 147	15 285
Nuclear techniques in agriculture	16/00	168 350	405 287	70 631	9/16	124 810	386 986	23 530
Nuclear medicine	-	-	-	-	-	-	-	-
Nuclear techniques in biology	-	-	-	-	-	-	-	-
Nuclear techniques in industry & hydrology	20/28	219 962	1 464 325	798 347	14/19	165 197	1 336 919	739 898
Nuclear safety	49/10	536 775	1 137 075	36 650	46/16	634 884	1 046 064	13 162
TOTAL	200/22	2 068 039	5 729 093	2 112 462	143/01	1 873 187	4 883 919	1 692 091

AGENCY FELLOWS FROM IRAN

1985 - 1995 ^{1/}

(As of mid-September 1995)

Sector	No. of fellowships	No. of months/days	Host countries
General atomic energy development	5	21/09	RUS, IAEA
Nuclear physics	11	48/19	GDR, GER, RUS, POL, CRO, IND, UK, IAEA
Nuclear chemistry	13	45/29	GRE, GER, ITA, YUG, HUN, USSR, IAEA
Nuclear raw materials	30	66/13	YUG, ARG, CPR, AUL, AUS, CAN, IND, PAK, HUN
Nuclear engineering and technology	76	325/03	BEL, GER, AUS, BRA, PAK, ARG, POL, GDR, SPA, HUN, IND, RUS, GRE, SLO, SLR, AUL, UK, IAEA
Nuclear techniques in agriculture	5	39/17	BEL, FRA, ITA, POL, UK, IAEA
Nuclear medicine	6	12/09	IND, HUN, CZE, GER, GRE
Nuclear techniques in biology	1	12/00	IAEA
Nuclear techniques in industry and hydrology	13	53/20	POL, HUN, GDR, FRA, IND, MAL, IAEA
Nuclear safety	49	221/03	ARG, AUS, IND, POL, GER, RUS, GDR, HUN, UKR, IRE, DEN, INS, EGY, SLR, CZE, SLO, SWI, UK, IAEA
TOTAL	209	846/02	

^{1/} Awarded since 1985, but only includes fellows who have completed or at least started training.

IRAN
LONG-TERM FELLOWSHIPS
1985 - 1995
(As of mid-September 1995)

Name	Field of study		Host country	Date	Duration	Project
PAZIRANDEH	Reactor physics	1F	GER	Oct.86 - Sep.87	12/00	-
HABASHI ZADEH	Reactor technology	4D	BEL	Nov.84 - Nov.85	12/00	-
HOSSEINI	NPP control and instrumentation	4G	GER	Jun.86 - Jun.87	12/00	-
MANSOURI	Nuclear instrumentation	4G	BEL	Sep.87 - Sep.88	12/00	-
NADJI AZARLI	Reactor metallurgy	4E	BEL	Feb.86 - Feb.87	12/00	-
SADEGHIAN ESFAHAN	Reactor technology	4D	GER	Oct.86 - Oct.87	12/00	-
SANG	Corrosion of nuclear systems	4D	UK	Oct.87 - Nov.88	13/04	-
ZOOFAN	Non-destructive testing of NPPs	4M	UK	Sep.85 - Nov.86	13/15	-
ALEMZADEH	Soil science	5B	BEL	Feb.88 - Feb.89	12/00	IRA/5/008
RAHIMI, M.	Plant breeding and genetics	5C	POL	Jan.94 - Jan.95	12/00	IRA/0/006
ASHRAFI	Nutritional and health-related environmental studies	7J	IAEA	Started: Jan.95	12/00	IRA/0/006

IRAN
LONG-TERM FELLOWSHIPS
1985 - 1995
(As of mid-September 1995)

Name	Field of study		Host country	Date	Duration	Project
RAHIMI, H.	Radioisotopes in industry	8C	HUN	Jan.87 - Jan.88	12/00	-
DOUROUDIAN	Radiation protection	9C	UK	Nov.86 - Nov.87	12/00	IRA/9/007
HOSSEINI-KUPAIE	Radwaste management	9E	GER	Oct.84 - Oct.85	12/00	-
OMOUMI	Radiation protection	9C	UK	Oct.86 - Oct.87	12/00	-
PHILSOUFI	Radiation protection	9C	UK	Aug.85 - Sep.87	25/10	IRA/9/007

IRANIAN NATIONALS WHO WERE AWARDED MORE THAN ONE
FELLOWSHIP OR SCIENTIFIC VISIT
1985 - 1995
(As of mid-September 1995)

Name	Field of study	Host country	Date	Duration	Project
ABDOLLAHPOUR	1. Radioisotope and radio-pharmaceutical production 2G	GER	Aug.91 - Nov.91	3/00	IRA/2/004
	2. Radiopharmacy 6G	IND	Oct.92 - Nov.92	0/23	IRA/0/006
ABEDINZADEH	1. General industrial applications 8C	USSR	May 88 - Nov.88	6/00	IRA/2/004
	2. General industrial applications 8C	HUN	Sep.91 - Mar.92	6/00	RER/0/005
	3. General industrial applications 8C	HUN/POL	Jun.95 - Jul.95	0/28	IRA/0/006
AFARIDEH	1. Accelerator technology 1L	RUS	May 90 - Jun.90	0/05	RER/0/003
	2. Irradiation effects 4K	GRE	Oct.93 - Nov.93	1/00	IRA/0/006
	3. Production of isotopes 4H	AUL	Apr.95 - May 95	0/07	IRA/0/006
ASGHARIZADEH	1. Analytical nuclear physics 1L	IAEA	Aug.92 - Nov.92	3/00	IRA/0/006
	2. Power reactors 4C	RUS	Nov.94 - Mar.95	4/07	IRA/0/006
ASHRAFI	1. Analytical chemistry 2C	GRE	Feb.87 - Aug.87	6/00	IRA/3/002
	2. Nutritional and health-related environmental studies 7J	IAEA	Started: Jan.95	12/00	IRA/0/006
GHAFOURI	1. Dosimetry 9C	IAEA	Aug.88 - Oct.88	2/00	IRA/1/007
	2. Safety evaluation 9F	RUS	May 93 - Sep.93	4/04	IRA/0/006
GHAHREMANI	1. Radiopharmaceuticals 2C	IND	Dec.85 - Jan.86	1/00	IRA/2/003
	2. Production of radioisotopes 4H	GDR	Jan.88 - Feb.88	0/12	IRA/2/004
	3. Production of radioisotopes 4H	HUN/GER	Feb.90 - Mar.90	1/11	IRA/2/004
	4. Treatment and disposal of radioactive wastes 9E	EGY	Apr.92	0/20	RER/0/005
	5. Production of isotopes 4H	IND	May 94	0/07	IRA/0/006
HAFEZI VAHABZADEH	1. Environmental protection 9G	GER	Jul.90 - Oct.90	3/00	RER/0/005
	2. Analytical chemistry 2C	IAEA	Sep.93 - Oct.93	1/10	IRA/0/006

IRANIAN NATIONALS WHO WERE AWARDED MORE THAN ONE
FELLOWSHIP OR SCIENTIFIC VISIT
1985 - 1995
(As of mid-September 1995)

Name	Field of study	Host country	Date	Duration	Project	
MOGHTADERI	1. Prospecting of nuclear raw materials	3B	CPR PAK	May 88 - Sep.88	4/00	IRA/3/002
	2. Prospecting of nuclear raw materials	3B		Sep.92 - Oct.92	0/29	IRA/0/006
MOHARAMZADEH	1. Radiopharmacy	6G	HUN/CZE/GER HUN	Feb.91 - Mar.91	0/26	IRA/2/004
	2. Analytical chemistry	2C		Aug.92 - Nov.92	3/00	IRA/2/004
MOSAVI ESHKEVARI	1. Uranium prospecting	3B	YUG PAK	Sep.87 - Mar.88	6/00	IRA/3/002
	2. Prospecting of nuclear raw materials	3B		Sep.92 - Oct.92	0/29	IRA/0/006
NABARDI	1. Radiopharmaceuticals	2C	IND GDR HUN/GDR GER	Feb.85 - May 85	2/25	IRA/2/003
	2. Production of radioisotopes	4H		Jun.88 - Jul.88	0/11	IRA/2/004
	3. Production of radioisotopes	4H		Feb.90	1/11	IRA/2/004
	4. Production and control of radiopharmaceuticals	2G		Oct.91 - Nov.91	1/23	RER/0/005
NAJAFI ASADOLLAHI	1. Radiopharmaceuticals	2C	IND GDR GER	Dec.84 - Mar.85	3/00	IRA/2/003
	2. Production of radioisotopes	4H		Jan.88 - Feb.88	0/12	IRA/2/004
	3. Radioisotope and pharmaceutical production	2G		Aug.91 - Nov.91	3/00	IRA/2/004
PEYROVAN	1. Analytical physics	1L	POR GDR UK	Mar.85 - Apr.85	0/19	-
	2. Nuclear physics	1D		Sep.86 - Mar.87	6/01	-
	3. Analytical nuclear physics	1L		Sep.93 - Dec.93	3/00	IRA/0/006
SHEIBANI	1. Radiation protection	9C	AUS UK	Aug.86 - Feb.87	6/00	-
	2. Radiation protection	9C		Jan.89 - May 89	3/24	RER/0/003
TAYMOORI	1. Research reactor operation	4B	PAK RUS	Oct.87 - Feb.88	4/00	-
	2. Safety evaluation	9F		May 93 - Sep.93	4/04	IRA/0/006
YARAGHCI	1. Production of radioisotopes	4H	RUS IND	Dec.89 - Mar.90	3/00	IRA/2/004
	2. Radiopharmacy	6G		Oct.92 - Nov.92	0/23	IRA/0/006

AGENCY TRAINING COURSES WITH IRANIAN PARTICIPATION

1985 - 1995
(As of mid-September 1995)

Field	Number of participants	Number of courses
General atomic energy development	9	6
Nuclear physics	10	10
Nuclear chemistry	2	2
Nuclear raw materials	2	2
Nuclear engineering and technology	27	20
Nuclear techniques in agriculture	14	12
Nuclear medicine	13	9
Nuclear techniques in biology	2	2
Nuclear techniques in industry & hydrology	6	4
Nuclear safety	41	25
TOTAL	126	92

**MULTIPLE PARTICIPATION IN AGENCY TRAINING COURSES
BY IRANIAN NATIONALS
1985 - 1995
(As of mid-September 1995)**

Name	Course No.	Course title	Year	Location
ARBABI	INT/1/033 (001)	Interregional study tour on primary and secondary standards dosimetry laboratories for technical staff of SSDLs	1985	GFR/HUN/ USSR/SWE SWE/FIN CZE
	INT/1/050 (001)	ITC on dosimetry calibration procedures	1992	
	RER/6/003 (001)	RTC on dosimetry in radiotherapy	1991	
BOLOURCHI	RER/9/003 (008)	RWS on advanced radiochemical techniques for the monitoring of food and environmental samples	1991	SYR
	RER/9/022 (001)	RTC on strategies and methodologies for applied marine radioactivity and environmental isotopes studies	1994	TUR
GOUDARZI-BROUJERDI	INT/4/080 (001)	ITC on quality assurance in NPP operation	1985	GFR FRA
	INT/9/120 (001)	ITC on decontamination of research reactors and small nuclear facilities	1991	
HADGISHAMS-ABYANEH	INT/9/110 (001)	ITC on the management of radioactive wastes	1990	FRA TUR
	RER/9/009 (001)	RTC on management of radioactive wastes from hospitals and other nuclear application activities	1991	
HAJI-SAEID	INT/1/031 (001)	ITC on nuclear power planning and feasibility studies	1985	FRA SAU
	RER/6/002 (007)	RWS on generator- and cyclotron-produced radiopharmaceuticals	1991	
IZADI	INT/4/113 (001)	ITC on interfacing in nuclear experiments	1992	INS TUR
	RER/4/004 (001)	RTC on nuclear electronics (maintenance oriented)	1990	
MIRZAEI	INT/9/090 (001)	ITC on the determination of radionuclides in food and environmental samples	1988	GFR GFR
	RER/9/008 (001)	Advanced RTC on determination of radionuclides in food and environmental samples	1991	
MOHAMMADI	RER/9/003 (005)	RWS on SAPOS network maintenance technicians and engineers	1990	SYR JOR
	RER/9/003 (009)	RTC on early warning environmental radiation monitoring systems (EWERMS)	1994	

**MULTIPLE PARTICIPATION IN AGENCY TRAINING COURSES
BY IRANIAN NATIONALS
1985 - 1995
(As of mid-September 1995)**

Name	Course No.	Course title	Year	Location
MOHAMMADI TOCHAIE	INT/9/056 (001)	ITC on the uses of probabilistic safety assessment (PSA) in decision making - managerial perspective	1985	UK
	RER/9/023 (001)	RTC on regulatory control of NPPs	1994	SLR
MOMEN BEITOLLAHI	RER/9/003 (007)	RWS on radiochemical measurements in food and environmental samples	1990	YUG
	RER/9/003 (008)	RWS on advanced radiochemical techniques for the monitoring of food and environmental samples	1991	SYR
	RER/9/022 (001)	RTC on strategies and methodologies for applied marine radioactivity and environmental isotopes studies	1994	TUR
OWLYA	RER/6/002 (007)	RWS on generator- and cyclotron-produced radiopharmaceuticals	1991	SAU
	RER/8/002 (005)	RWS on isotope hydrology in the Middle East	1993	SYR
REZA ESMALI	INT/9/120 (001)	ITC on decontamination of research reactors and small nuclear facilities	1991	FRA
	RER/9/007 (004)	RTC on regulatory practices for radiation safety	1992	UAE
SAGHEB	INT/5/103 (001)	ITC on the use of isotope and radiation techniques in studies on biological nitrogen fixation	1986	AUS
	RER/5/004 (001)	RWS on the use of nuclear and related techniques in plant nutrient and water balance studies in legume-cereal crop rotation systems	1991	SYR
	RER/5/004 (001)	RWS on the use of nuclear and related techniques in plant nutrient and water balance studies in rain-fed legume-cereal crop rotation systems and irrigated agriculture areas	1992	TUR
SEBTEAHMADI	INT/9/098 (001)	ITC on safety and regulation of unsealed sources of radioactive material	1989	IRE
	RER/9/017 (001)	RTC on management of spent radiation sources	1993	GRE
SOHRABPOUR	RER/5/003 (001)	RWS for evaluation of techno-economic feasibility studies for food irradiation	1988	SYR
	RER/8/003 (001)	RWS on process control and quality assurance for radiation processing	1993	CZE

PROJECTS COMPLETED IN IRAN SINCE 1985
(As of mid-September 1995)

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS				COMPLETED
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING	
			M/M	\$	\$	\$	M/M	\$	\$	\$	
1985	IRA/0/005	Procurement assistance ^{1/}	-	-	312 693	-	-	-	312 693	-	1992
1987	IRA/1/007	Calibration facilities for dosimetry	0/05	1 200	15 509	6 000	0/07	2 587	15 509	5 386	1992
1983	IRA/2/003	Quality control of radioisotopes	1/13	8 887	13 585	-	1/12	7 463	13 585	-	1986
1982	IRA/2/004	Radioisotope production	10/22	85 990	695 847	80 055	10/22	125 513	695 393	78 054	1993
1985	IRA/3/002	Uranium exploration	34/10	295 900	310 860	96 036	31/25	451 188	307 666	98 891	1994
1991	IRA/3/003	Ore dressing and leaching of uranium ores	1/18	16 200	38 332	-	0/18	9 887	8 332	-	1994
1985	IRA/4/016	Nuclear reactor design	1/13	10 405	11 000	14 912	1/14	19 527	10 648	14 911	1991

^{1/} Funds-in-trust.

PROJECTS COMPLETED IN IRAN SINCE 1985
(As of mid-September 1995)

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS				COMPLETED
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING	
			M/M	\$	\$	\$	M/M	\$	\$	\$	
1990	IRA/4/018	Review of bids for a variable energy cyclotron	1/00	8 400	-	-	0/03	1 610	-	-	1991
1993	IRA/4/022	Preparation of AEOI staff for NPP construction	6/00	64 230	20 000	-	6/04	73 223	3 653	-	1995
1982	IRA/8/006	Radiation technology ^{2/}	8/00	82 513	742 658	735 947	8/00	82 513	742 658	735 947	1989
1987	IRA/8/008	Strengthening of water resources research institute	1/09	12 619	93 567	-	1/09	12 619	93 567	-	1990
1985	IRA/9/008	Environmental radio-activity monitoring	-	-	168 283	3 000	-	-	168 283	3 993	1994
1985	IRA/9/009	Bushehr nuclear power plant (BNPP)	1/00	6 900	500	-	1/03	12 945	242	-	1985
1987	IRA/9/010	Nuclear techniques in environmental studies	1/00	7 050	70 866	-	1/05	12 387	70 866	-	1989

^{2/} Totals for training include \$667 447 for sub-contracted group training.

**PROJECTS COMPLETED IN IRAN SINCE 1985
(As of mid-September 1995)**

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS				COMPLETED
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING	
			M/M	\$	\$	\$	M/M	\$	\$	\$	
1989	IRA/9/011	Review of the Bushehr nuclear power plant ^{3/}	41/12	460 790	246 146	20 150	40/10	557 571	245 235	6 491	1994
1991	IRA/9/013	Installation of incinerator	1/06	10 995	-	-	1/07	19 402	-	-	1994
	TOTAL	16 Projects	110/18	1 072 079	2 739 846	956 100	105/19	1 388 435	2 688 330	943 673	

^{3/} Totals for experts include \$80 150 for sub-contracted expert services.

OPERATIONAL PROJECTS IN IRAN
(As of mid-September 1995)

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS			
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING
			M/M	\$	\$	\$	M/M	\$	\$	\$
1991	IRA/0/006	Manpower development	0/15	4 650	-	734 587	0/18	9 164	-	710 377
1995	IRA/1/008	Secondary standards dosimetry laboratory upgrading	1/00	11 400	50 000	-	-	-	-	-
1993	IRA/2/005	Development of RIA kits	3/00	32 550	56 680	-	0/24	8 640	43 625	-
1995	IRA/3/004	Target selection for uranium prospection	5/00	58 800	31 400	31 550	1/09	15 722	-	7 508
1987	IRA/4/017	Research reactor core conversion	5/08	47 940	6 670	374	3/14	48 790	6 179	374
1991	IRA/4/019	Variable energy cyclotron laboratory	5/10	54 200	368 500	-	5/10	92 955	364 351	-
1991	IRA/4/020	Accelerator-based analytical techniques	7/00	74 700	226 330	47 250	3/12	48 912	218 375	-
1993	IRA/4/021	Radionuclide production with cyclotron	0/20	7 200	114 000	-	0/20	1 081	113 941	-
1995	IRA/4/023	Cyclotron production of radionuclides	7/00	83 100	450 000	47 100	-	-	-	-
1995	IRA/4/024	Infrastructure for implementation of nuclear power programme	23/00	277 200	1 000	148 970	4/08	32 034	-	-

**OPERATIONAL PROJECTS IN IRAN
(As of mid-September 1995)**

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS			
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING
			M/M	\$	\$	\$	M/M	\$	\$	\$
1987	IRA/5/008	Nuclear techniques in wheat production	4/27	42 020	175 997	24 071	4/27	72 003	175 997	23 530
1993	IRA/5/009	Sero-monitoring of rinderpest using nuclear techniques ^{1/}	5/18	61 830	201 290	15 660	3/19	44 929	199 339	-
1995	IRA/5/010	Radiation treatment for pest and plant disease control	4/00	46 800	-	10 200	0/16	2/	-	-
1995	IRA/5/011	Nuclear techniques in cereal production	1/15	17 700	28 000	20 700	0/14	7 878	11 650	-
1991	IRA/8/009	Industrial application of radiotracers and sealed sources	6/05	61 200	453 500	-	4/13	53 396	431 776	-
1993	IRA/8/010	Gamma spectroscopy in the mineral industry	1/14	15 630	33 000	-	0/14	8 730	2 200	-
1995	IRA/8/011	Studies of isotopes in karstic aquifers	1/15	17 700	-	27 000	0/13	7 939	-	3 951

^{1/} Funds-in-trust included for equipment: \$184 340 under allotments; \$183 040 under disbursements.

^{2/} No disbursements yet.

OPERATIONAL PROJECTS IN IRAN
(As of mid-September 1995)

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS			
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING
			M/M	\$	\$	\$	M/M	\$	\$	\$
1995	IRA/8/012	Sealed sources and nucleonic control systems in industry	2/15	30 300	141 600	35 400	-	-	66 718	-
1991	IRA/9/012	Strengthening radiation protection	4/22	51 040	651 280	13 500	2/21	32 579	561 438	2 678
	TOTAL	19 Projects	90/04	995 960	2 989 247	1 156 362	37/12	484 752	2 195 589	748 418

COUNTERPART INSTITUTIONS IN IRAN (I)
(By Project)

<u>Project No.</u>	<u>Institute</u>	<u>Counterpart(s)</u>
<u>GENERAL ATOMIC ENERGY DEVELOPMENT</u>		
IRA/0/005	Atomic Energy Organization of Iran, Teheran	SOLTANIEH
IRA/0/006	Atomic Energy Organization of Iran, Department of Education and Manpower Mobilization, Teheran	SOLTANIEH
<u>NUCLEAR PHYSICS AND CHEMISTRY</u>		
IRA/1/007	1. Atomic Energy Organization of Iran, Teheran 2. Nuclear Research Centre in Medicine and Agriculture, Secondary Standards Dosimetry Laboratory, Teheran	GAVAHI -
IRA/1/008	Atomic Energy Organization of Iran, Secondary Standards Laboratory, Karadj	GAVAHI SOLIMANIAN
IRA/2/003	Atomic Energy Organization of Iran, Nuclear Research Centre, Radioisotope Department, Teheran	OWLYA
IRA/2/004	Atomic Energy Organization of Iran, Nuclear Research Centre, Radioisotope Department, Teheran	OWLYA
IRA/2/005	Atomic Energy Organization of Iran, Nuclear Research Centre, Radioisotope Department, Teheran	OWLYA NAJAFI
<u>NUCLEAR RAW MATERIALS</u>		
IRA/3/002	Atomic Energy Organization of Iran, Exploration and Mining Department, Teheran	SOLEIMANI
IRA/3/003	Atomic Energy Organization of Iran, Teheran	GHAFOURIAN

COUNTERPART INSTITUTIONS IN IRAN (I)
(By Project)

<u>Project No.</u>	<u>Institute</u>	<u>Counterpart(s)</u>
<u>NUCLEAR RAW MATERIALS (cont'd)</u>		
IRA/3/004	Atomic Energy Organization of Iran, Exploration and Mining Department, Teheran	SOLEIMANI
<u>NUCLEAR ENGINEERING AND TECHNOLOGY</u>		
IRA/4/016	Atomic Energy Organization of Iran, Esfahan Nuclear Technology Centre, Esfahan	SABA
IRA/4/017	Atomic Energy Organization of Iran, Nuclear Research Centre, Reactor Operation Department, Teheran	ZAKER
IRA/4/018	Atomic Energy Organization of Iran, Teheran	HAJI-SAEID
IRA/4/019	Atomic Energy Organization of Iran, Research and Development Department, Teheran	HAJI-SAIED
IRA/4/020	Atomic Energy Organization of Iran, Nuclear Research Centre, Nuclear Physics Section, Teheran	BEHBAHANI AFARIDEH
IRA/4/021	Atomic Energy Organization of Iran, Karadj Nuclear Research Centre, Karadj	OWLYA
IRA/4/022	1. Atomic Energy Organization of Iran, Nuclear Power Plant Division, Teheran 2. Atomic Energy Organization of Iran, Nuclear Research Centre, Nuclear Safety Department, Teheran	HADJI-AZIM ETEMAD
IRA/4/023	Atomic Energy Organization of Iran, Research and Development Department, Teheran	HAJI-SAIED

COUNTERPART INSTITUTIONS IN IRAN (I)

(By Project)

<u>Project No.</u>	<u>Institute</u>	<u>Counterpart(s)</u>
<u>NUCLEAR ENGINEERING AND TECHNOLOGY (cont'd)</u>		
IRA/4/024	Atomic Energy Organization of Iran, Department of Education and Manpower Mobilization, Teheran	KHANIKI
<u>AGRICULTURE</u>		
IRA/5/008	Atomic Energy Organization of Iran, Nuclear Research Centre, Agricultural Department, Teheran	MAJD
IRA/5/009	Veterinary Organization of Iran, Teheran	MAJD-SADEH
IRA/5/010	Atomic Energy Organization of Iran, Nuclear Research Centre, Agricultural Department, Teheran	ZOLFAGHARIEH KARAMI
IRA/5/011	Atomic Energy Organization of Iran, Nuclear Research Centre, Agricultural Department, Teheran	RAHIMI NASSERI
<u>NUCLEAR TECHNIQUES IN INDUSTRY AND HYDROLOGY</u>		
IRA/8/006	Atomic Energy Organization of Iran, Nuclear Research Centre, Teheran	SOHRABPOUR
IRA/8/008	Ministry of Energy, Water Resources Research Institute, Teheran	-
IRA/8/009	Atomic Energy Organization of Iran, Nuclear Research Centre, Radioisotope Department, Teheran	RAHIMI GHAHREMANI

COUNTERPART INSTITUTIONS IN IRAN (I)

(By Project)

<u>Project No.</u>	<u>Institute</u>	<u>Counterpart(s)</u>
<u>NUCLEAR TECHNIQUES IN INDUSTRY AND HYDROLOGY (cont'd)</u>		
IRA/8/010	Atomic Energy Organization of Iran, Nuclear Research Centre, Neutron Physics Division, Teheran	SOLTANIEH PAZIRANDEH
IRA/8/011	Ministry of Energy, Water Resources Research Institute, Teheran	PAKZAD KHALAJ
IRA/8/012	Atomic Energy Organization of Iran, Nuclear Research Centre, Radioisotope Department, Teheran	RAHIMI GHAHREMANI
<u>NUCLEAR SAFETY</u>		
IRA/9/008	Atomic Energy Organization of Iran, National Radiation Protection Department, Teheran	SOHRABI
IRA/9/009	Atomic Energy Organization of Iran, Bushehr Nuclear Power Plant Bushehr	-
IRA/9/010	Atomic Energy Organization of Iran, Gamma Irradiation Centre, Teheran	SOHRABPOUR
IRA/9/011	Atomic Energy Organization of Iran, Teheran	HADJI-AZIM
IRA/9/012	Atomic Energy Organization of Iran, National Radiation Protection Department, Teheran	SOHRABI
IRA/9/013	Atomic Energy Organization of Iran, Esfahan Nuclear Technology Centre, Esfahan	RASOULI

COUNTERPART INSTITUTIONS IN IRAN (II)
(By Institute)

TEHERAN

Atomic Energy Organization of Iran
Teheran

IRA/0/005	Procurement Assistance
IRA/1/007	Calibration Facilities for Dosimetry
IRA/3/003	Ore Dressing and Leaching of Uranium Ores
IRA/4/018	Review of Bids for a Variable Energy Cyclotron
IRA/9/011	Review of the Bushehr Nuclear Power Plant

Atomic Energy Organization of Iran
Department of Education and Manpower Mobilization
Teheran

IRA/0/006	Manpower Development
IRA/4/024	Infrastructure for Implementation of Nuclear Power Programme

Atomic Energy Organization of Iran
Exploration and Mining Department
Teheran

IRA/3/002	Uranium Exploration
IRA/3/004	Target Selection for Uranium Prospection

Atomic Energy Organization of Iran
Research and Development Department
Teheran

IRA/4/019	Variable Energy Cyclotron Laboratory
IRA/4/023	Cyclotron Production of Radionuclides

Atomic Energy Organization of Iran
Nuclear Power Plant Division
Teheran

IRA/4/022	Preparation of AEOI Staff for Nuclear Power Plant Construction
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COUNTERPART INSTITUTIONS IN IRAN (II)
(By Institute)

TEHERAN

**Atomic Energy Organization of Iran
National Radiation Protection Department
Teheran**

IRA/9/008 Environmental Radioactivity Monitoring
IRA/9/012 Strengthening Radiation Protection

**Atomic Energy Organization of Iran
Nuclear Research Centre
Teheran**

IRA/8/006 Radiation Technology

**Atomic Energy Organization of Iran
Nuclear Research Centre
Radioisotope Department
Teheran**

IRA/2/003 Quality Control of Radioisotopes
IRA/2/004 Radioisotope Production
IRA/2/005 Development of Radioimmunoassay Kits
IRA/8/009 Industrial Application of Radiotracers and Sealed Sources
IRA/8/012 Sealed Sources and Nucleonic Control Systems in Industry

**Atomic Energy Organization of Iran
Nuclear Research Centre
Reactor Operation Department
Teheran**

IRA/4/017 Research Reactor Core Conversion

**Atomic Energy Organization of Iran
Nuclear Research Centre
Nuclear Physics Section
Teheran**

IRA/4/020 Accelerator-Based Analytical Techniques

COUNTERPART INSTITUTIONS IN IRAN (II)

(By Institute)

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TEHERAN

**Atomic Energy Organization of Iran
Nuclear Research Centre
Nuclear Safety Department
Teheran**

IRA/4/022 Preparation of AEOI Staff for Nuclear Power Plant Construction

**Atomic Energy Organization of Iran
Nuclear Research Centre
Neutron Physics Division
Teheran**

IRA/8/010 Gamma Spectroscopy in the Mineral Industry

**Atomic Energy Organization of Iran
Nuclear Research Centre
Agricultural Department
Teheran**

IRA/5/008 Nuclear Techniques in Wheat Production
IRA/5/010 Radiation Treatment for Pest and Plant Disease Control
IRA/5/011 Nuclear Techniques in Cereal Production

**Atomic Energy Organization of Iran
Gamma Irradiation Centre
Teheran**

IRA/9/010 Nuclear Techniques in Environmental Studies

**Nuclear Research Centre In Medicine and Agriculture
Secondary Standards Dosimetry Laboratory
Teheran**

IRA/1/007 Calibration Facilities for Dosimetry

**Veterinary Organization of Iran
Teheran**

IRA/5/009 Sero-Monitoring of Rinderpest Using Nuclear Techniques

COUNTERPART INSTITUTIONS IN IRAN (II)

(By Institute)

TEHERAN

**Ministry of Energy
Water Resources Research Institute
Teheran**

IRA/8/008	Strengthening of Water Resources Research Institute
IRA/8/011	Studies of Isotopes in Karstic Aquifers

KARADJ

**Atomic Energy Organization of Iran
Secondary Standards Laboratory
Karadj**

IRA/1/008	Secondary Standards Dosimetry Laboratory Upgrading
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**Atomic Energy Organization of Iran
Karadj Nuclear Research Centre
Karadj**

IRA/4/021	Radionuclide Production with Cyclotron
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ESFAHAN

**Atomic Energy Organization of Iran
Esfahan Nuclear Technology Centre
Esfahan**

IRA/4/016	Nuclear Reactor Design
IRA/9/013	Installation of Incinerator

BUSHEHR

**Atomic Energy Organization of Iran
Bushehr**

IRA/9/009	Bushehr Nuclear Power Plant (BNPP)
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**THE AGENCY'S TECHNICAL CO-OPERATION PROGRAMME WITH
IRAN
(1985 - 1995)**

LONG-TERM EXPERT ASSIGNMENTS

NONE

RESEARCH CONTRACTS/AGREEMENTS IN IRAN SINCE 1985 ^{1/}
(As of mid-September 1995)

Field of activity	No. of contracts/ agreements	Amount allocated \$
Nuclear physics	1	^{2/}
Nuclear chemistry	1	4 000
Nuclear engineering and technology	3	25 000
Nuclear techniques in agriculture	1	5 000
Nuclear techniques in biology	2	15 300
Safety in nuclear energy	4	13 600
TOTAL	12	62 900

^{1/} New awards since 1985.

^{2/} Cost-free.

**SCIENTISTS FROM IRAN SERVING AS AGENCY
TECHNICAL CO-OPERATION EXPERTS AND
TRAINING COURSE LECTURERS
OR
PARTICIPATING IN CO-ORDINATION MEETINGS
1985 - 1995
(As of mid-September 1995)**

Name	No. of assignments	Project(s)
AFARIDEH	3	RAW/4/002, RER/4/008
AFRASIBIAN	1	RER/8/002
ALIDOOSTI	2	IRA/4/022, IRA/4/024
AMIRABADI	1	RAW/4/002
ASSARPOUR	1	IRA/0/006
AYATOLLAHI	1	RER/8/002
BOLOURCHI	1	RER/9/003
DASTAN	1	IRA/9/011
DASTJERDI	1	RER/9/005
DEGHANI TAFTI	1	IRA/4/022
ESMAELI	1	RER/0/007
FARASHUDDIN	1	IRA/8/006
GHAHREMANI	1	IRA/2/004
GHARIB, G.A.	1	IRA/3/002
GHARIB, M.	1	IRA/4/017
GOUDARZI-BROUJERDI	1	IRA/4/022
HADJI-AZIM	8	IRA/9/011
HAJI-SAEOD	3	IRA/4/021, IRA/4/024, RER/4/008
HOSSEINI	1	RER/9/021
JAHANI BEHBAHANI	1	RAW/8/004
KHABIR	1	IRA/9/011
KHALILOPOUR	2	RER/0/007, RER/8/003

**SCIENTISTS FROM IRAN SERVING AS AGENCY
TECHNICAL CO-OPERATION EXPERTS AND
TRAINING COURSE LECTURERS
OR
PARTICIPATING IN CO-ORDINATION MEETINGS
1985 - 1995
(As of mid-September 1995)**

Name	No. of assignments	Project(s)
KHANIKI	2	IRA/0/006, IRA/4/024
KHAZANEH	1	RAW/8/004
KIANI	1	RAW/5/004
MEDNEJAD	1	IRA/3/003
MOHAMMADI	3	RER/9/003
MOHARAMZADEH	1	RAW/6/003
MOMEN BEITOLLAHI	2	RER/9/003
NABBI	22	INS/4/018, INS/4/023, INS/4/030, INS/9/014, MEX/4/037, RLA/4/007
NAFARABADI	1	RAW/6/003
NIAZI	1	CHI/9/011
NIKBIN	1	ROM/9/003
OKTAI	1	RAW/8/004
OWLYA	3	RAW/5/004, RER/0/007, RER/8/002
RAHIMIAN	1	URU/6/010
SADEGH AZAR	2	IRA/9/011
SEPANLOO	1	RER/9/005
SHAKIBA	1	INT/0/038
SOHRABI	9	INT/9/143, KAZ/9/003, LIB/9/010, MYA/9/004, RER/9/003, RER/9/007, SYR/9/006, UAE/9/003
SOHRABPOUR	8	IRA/9/010, MAL/8/013, RER/5/003, RER/8/003, RER/9/007
SOLTANIEH	4	IRA/9/011

**SCIENTISTS FROM IRAN SERVING AS AGENCY
TECHNICAL CO-OPERATION EXPERTS AND
TRAINING COURSE LECTURERS
OR
PARTICIPATING IN CO-ORDINATION MEETINGS
1985 - 1995
(As of mid-September 1995)**

Name	No. of assignments	Project(s)
TOOFANIAN	1	RER/5/003
YAMINI-ROODSARI	1	PER/7/003
ZAKER	1	RER/9/021
ZAKER GHAMSARI	1	RAW/8/004
ZARE	1	RER/8/003
ZARSAV	1	RAW/6/003
TOTAL	107	

**AGENCY FELLOWSHIPS AND SCIENTIFIC VISITS
HOSTED BY IRAN
1985 - 1995
(As of mid-September 1995)**

Recipient country	No. of fellowships	No. of scientific visits	TOTAL ¹
BANGLADESH	-	1	1
JORDAN	-	1	1
SYRIA	1	-	1
TOTAL	1	2	3

1./ Includes trainees who have completed or at least started their studies.

**REGIONAL AND INTERREGIONAL GROUP TRAINING EVENTS
HOSTED BY IRAN
1985 - 1995
(As of mid-September 1995)**

Course No.	Course Title	Partici- pants	Year
RAW/9/002 (001)	RTC on System of Notification, Registration, Licensing and Control of Radiation Sources and Installations	11	1995
RER/6/005 (002)	RTC on the Production and Control of Tc-99M Based Radiopharmaceuticals	5	1994
	TOTAL	16	