



INTERNATIONAL ATOMIC ENERGY AGENCY



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COUNTRY PROGRAMME SUMMARY

THE AGENCY'S TECHNICAL CO-OPERATION

PROGRAMME WITH

THE DOMINICAN REPUBLIC

1983 - 1993

COUNTRY PROGRAMME SUMMARIES

DEPARTMENT OF TECHNICAL CO-OPERATION

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1983 - 1993

COUNTRY PROGRAMME SUMMARIES

EVALUATION SECTION
DEPARTMENT OF TECHNICAL CO-OPERATION

**THE AGENCY'S TECHNICAL CO-OPERATION
PROGRAMME WITH
THE DOMINICAN REPUBLIC
1983 - 1993
COUNTRY PROGRAMME SUMMARIES**

This report contains a review of the Agency's technical co-operation activities in the Dominican Republic carried out during 1983 - 1993. 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.

DOMINICAN REPUBLIC

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INTRODUCTION

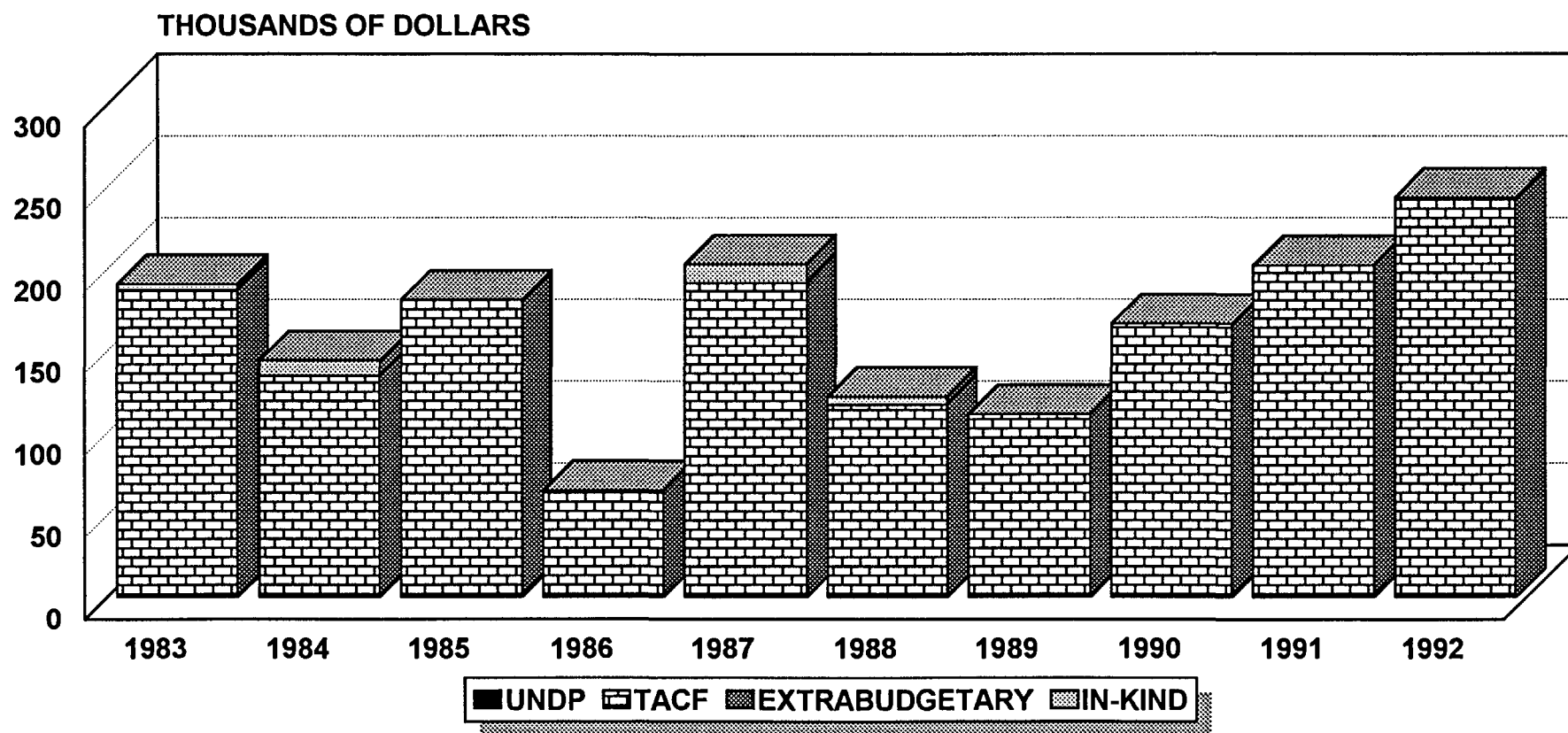
The country programme summary reported on here is one in the series of such studies being undertaken of the Agency's TC programme with Member States. With \$1.7 million of Agency support received, the Dominican Republic ranks 65th among all recipients of technical assistance during the period 1958 through 1992.

Two-thirds of the assistance received during the past ten years has been provided in the form of equipment (66%), complemented by expert services (16%) and training (18%). The best part of the resources was made available through the TACF (98%), the remainder was provided through assistance in kind (2%).

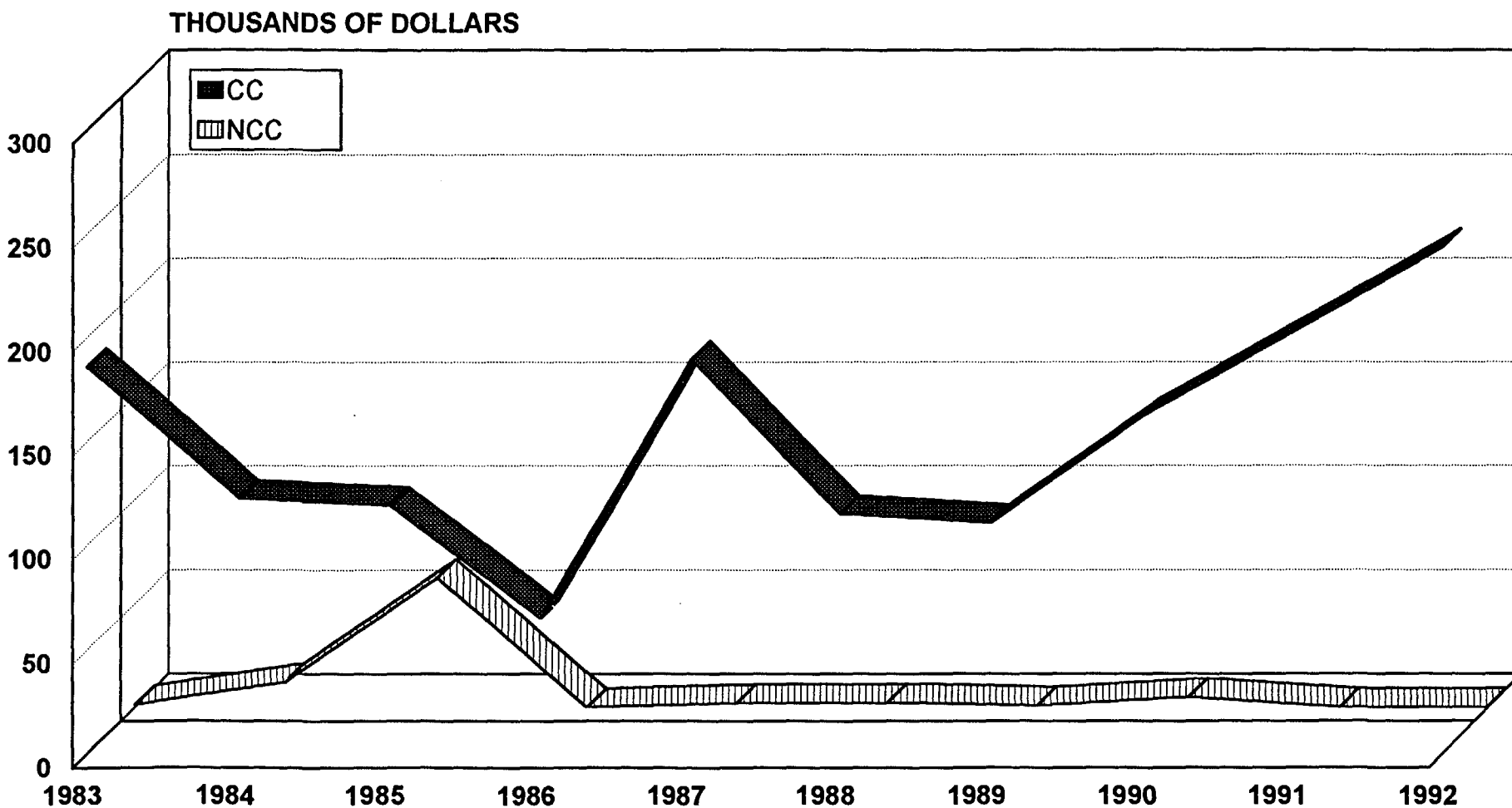
With regard to total disbursements -- by sector -- under those projects that were operational during the period 1983 through 30 April 1993, the three largest areas have been industry and hydrology (40%), nuclear physics and chemistry (30%), and general atomic energy development (22%). Only small shares (4% each) went to agriculture and nuclear safety.

During the same period, the country has provided experts and training course lecturers for a total of 18 assignments, and has hosted one regional and one interregional training course with a total of 31 participants.

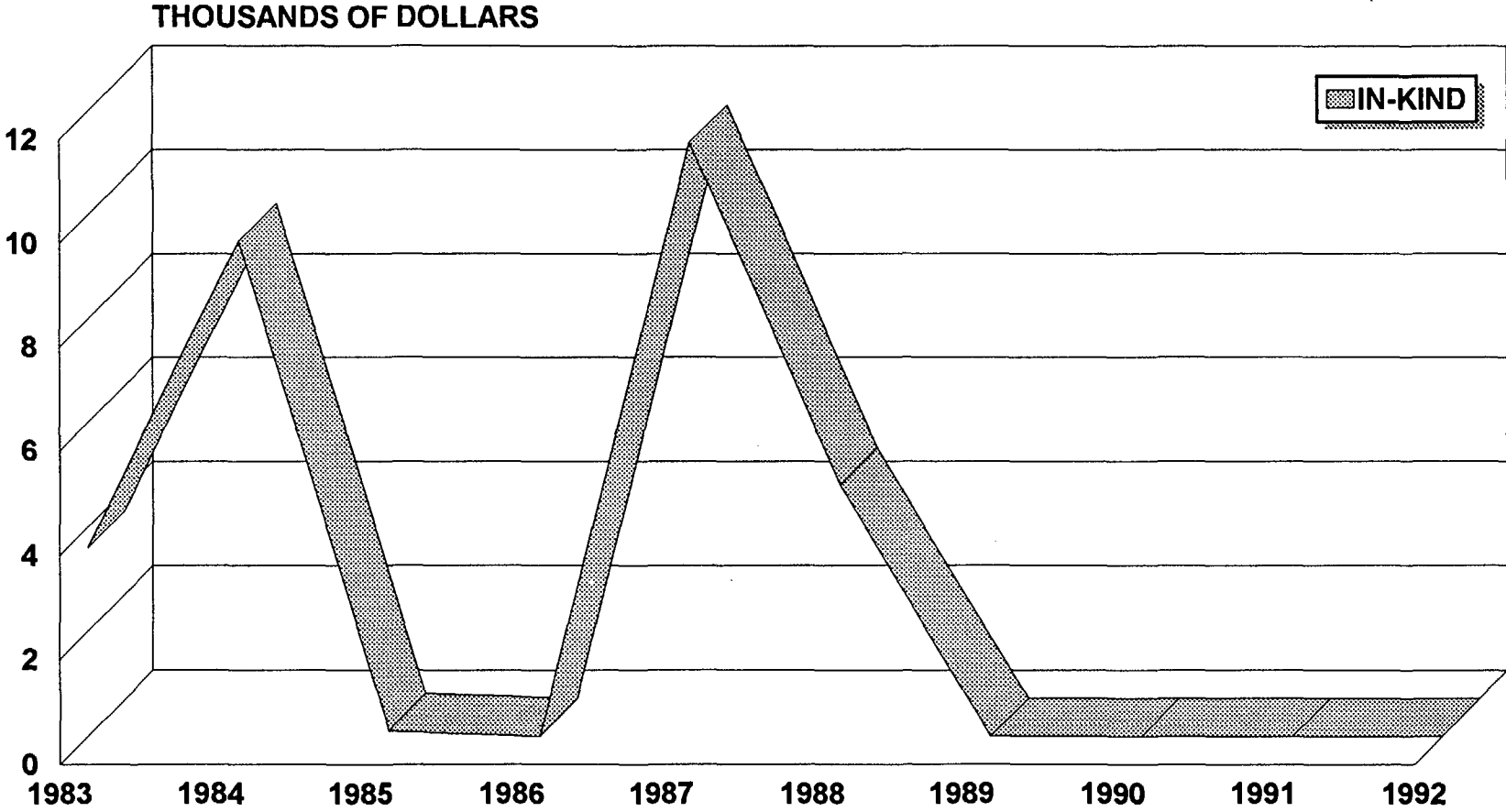
ASSISTANCE PROVIDED BY THE AGENCY TO THE DOMINICAN REPUBLIC BY SOURCE (1983 - 1992)



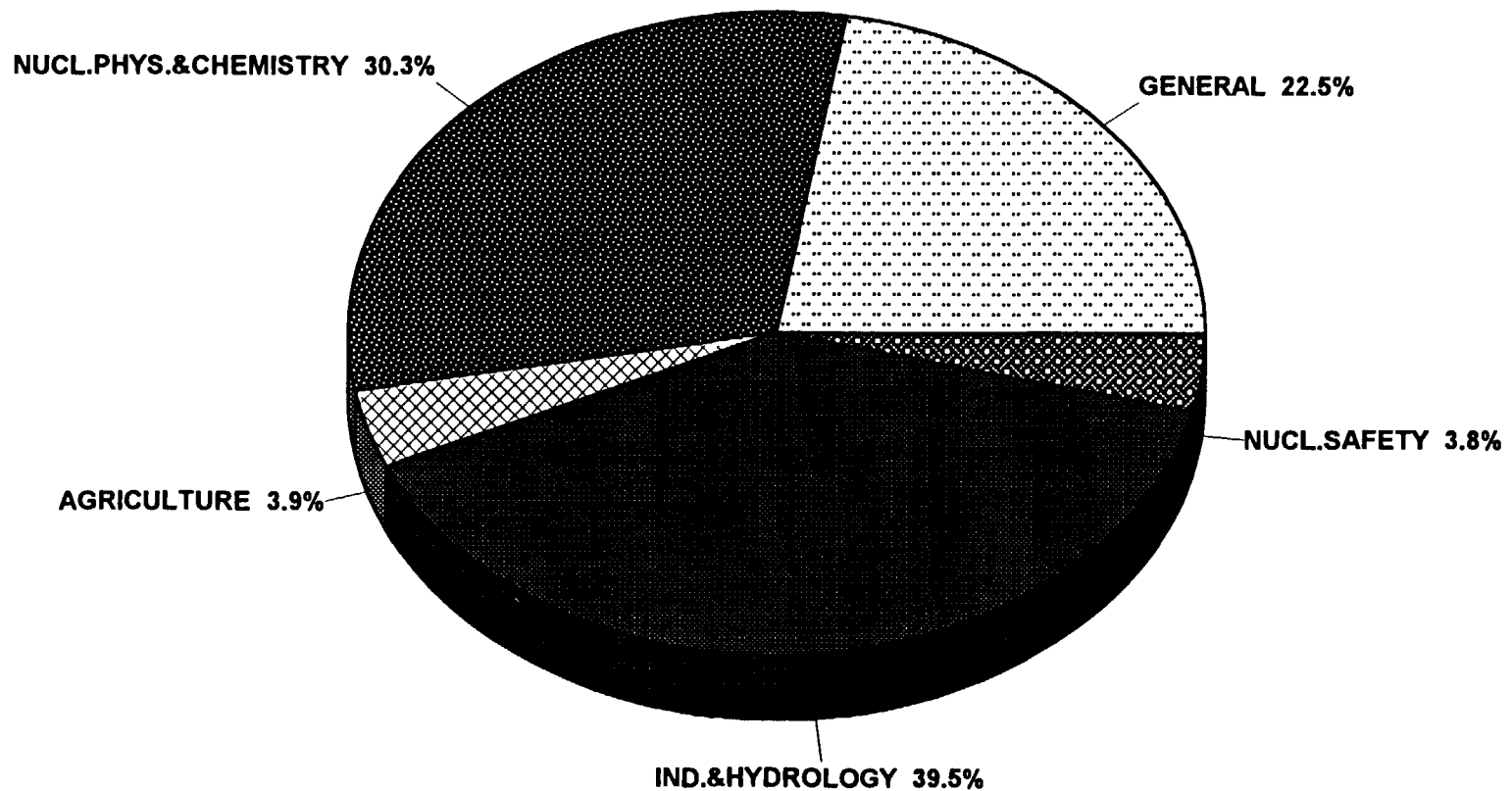
TACF ASSISTANCE PROVIDED TO THE DOMINICAN REPUBLIC (1983 - 1992) BY CC AND NC



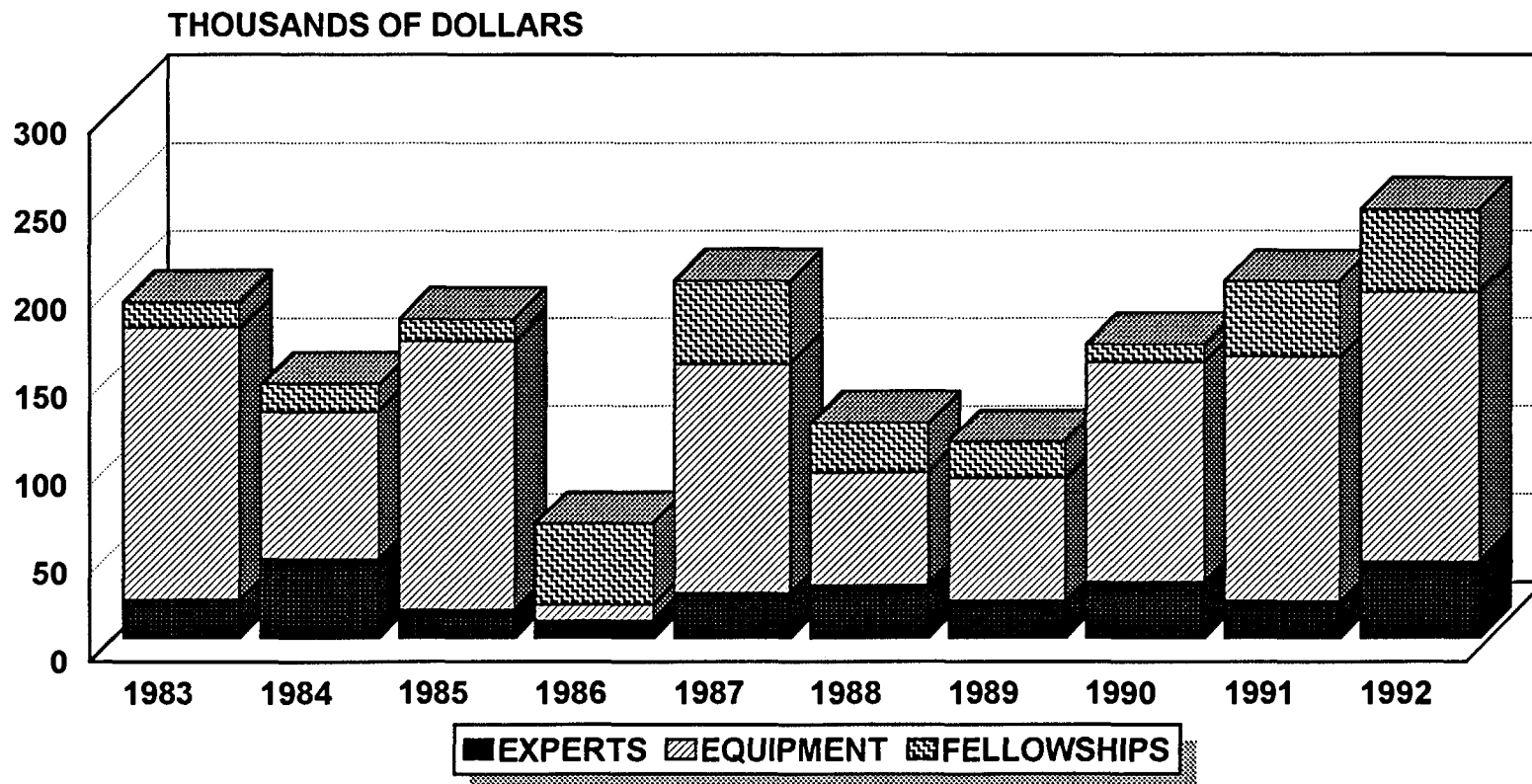
IN-KIND ASSISTANCE PROVIDED TO THE DOMINICAN REPUBLIC (1983 - 1992)



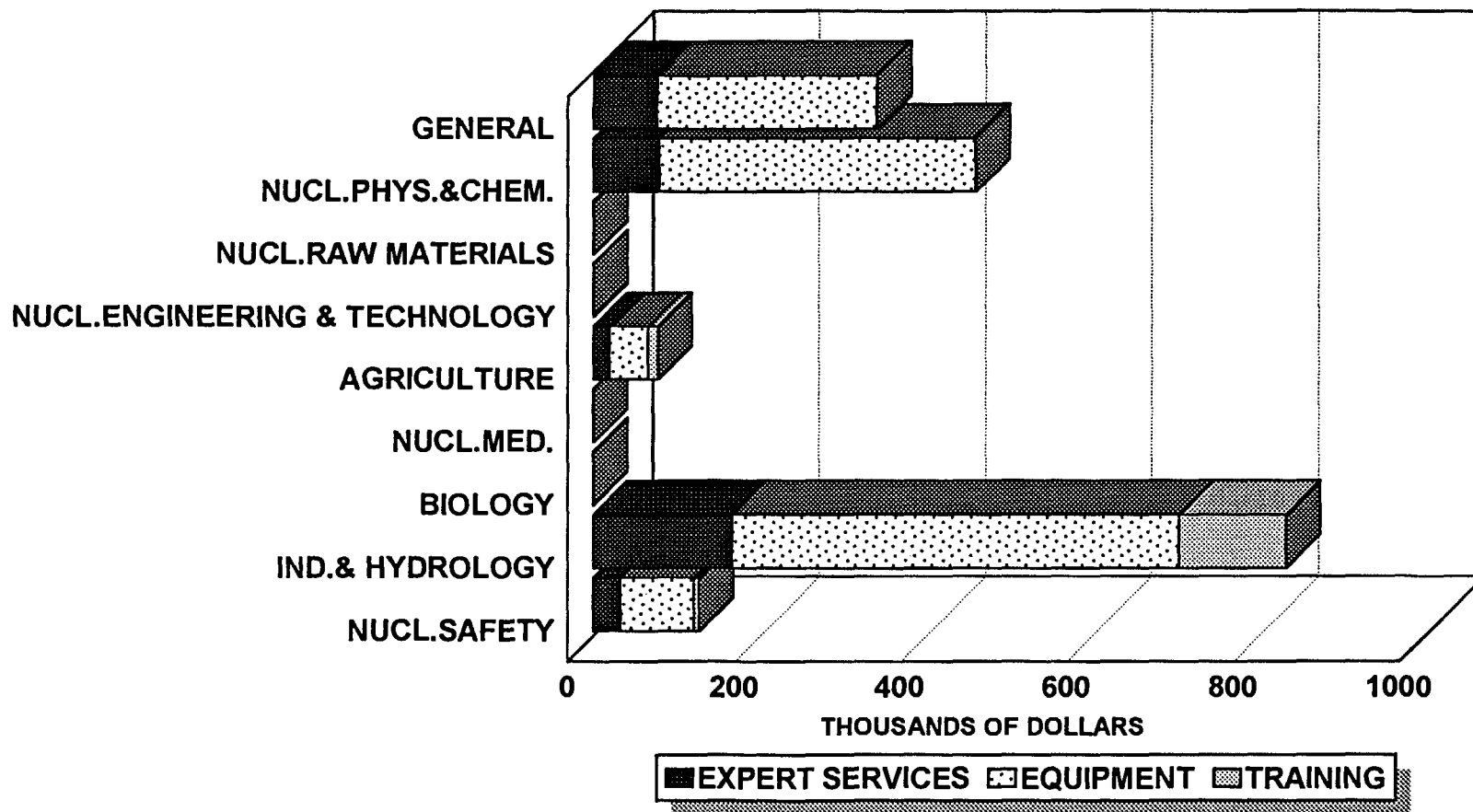
TC PROJECT DISBURSEMENTS IN THE DOMINICAN REPUBLIC BY SECTOR (1983 - 1993)



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THE AGENCY'S TECHNICAL CO-OPERATION PROGRAMME WITH THE DOMINICAN REPUBLIC

ALL SOURCES

THE DOMINICAN REPUBLIC'S RANKING AS A TC RECIPIENT
1958 - 1992
(in \$1000)

YEAR	RANKING	AMOUNT
1958-82	78 th	55.1
1983	40 th	190.7
1984	53 rd	144.0
1985	45 th	181.1
1986	65 th	64.8
1987	49 th	202.8
1988	57 th	121.8
1989	63 rd	111.2
1990	58 th	166.4
1991	56 th	202.2
1992	52 nd	243.4
1958-92	65 th	1683.5

**"TOP FIVE" RECIPIENTS OF AGENCY ASSISTANCE
1958 - 1992 (in \$1000)**

ALL SOURCES

Year	I	II	III	IV	V	DOMINICAN REPUBLIC
1958-82	BRA 8507.3	IND 6849.4	ARG 5528.2	PAK 5492.7	CHI 5240.1	78 th - 55.1
1983	EGY 2077.9	PER 1116.8	VIE 948.1	PHI 778.6	IRA 722.1	40 th - 190.7
1984	EGY 3625.9	PER 1750.4	THA 1094.6	CUB 1028.7	PHI 881.2	53 rd - 144.0
1985	EGY 2494.8	PER 1120.7	THA 1117.4	BGD 1068.2	PHI 963.745	45 th - 181.1
1986	EGY 2317.0	BRA 1452.9	THA 1169.4	POL 1050.3	BGD 896.4	65 th - 64.8
1987	HUN 3452.6	EGY 1775.4	THA 1742.4	INS 1312.5	YUG 1223.2	49 th - 202.8
1988	EGY 1486.9	BUL 1361.6	CPR 1278.5	THA 1158.7	BRA 1096.7	57 th - 121.8
1989	CPR 1542.3	EGY 1505.1	THA 1205.3	BRA 1096.5	INS 999.1	63 rd - 111.2
1990	POL 2308.1	CPR 2005.0	VIE 1589.2	INS 1412.6	BRA 1229.1	58 th - 166.4
1991	INS 1305.2	CPR 975.0	EGY 959.8	BRA 951.2	BUL 934.7	56 th - 202.2
1992	EGY 1586.3	INS 1342.1	CPR 1328.8	MEX 1127.8	POL 1036.4	52 nd - 243.4
1958-92	EGY 23808.6	BRA 17736.8	THA 15332.0	INS 13725.9	PER 13129.6	65 th - 1683.5

***TOP FIVE* RECIPIENTS OF AGENCY ASSISTANCE
1958 - 1992 (in \$1000)**

TECHNICAL ASSISTANCE AND CO-OPERATION FUND

Year	I	II	III	IV	V	DOMINICAN REPUBLIC
1958-82	HUN 2971.7	EGY 2405.8	PAK 2340.5	THA 2000.3	BRA 1983.5	77 th - 48.4
1983	EGY 1049.4	VIE 897.4	POL 667.8	PAK 498.5	PHI 430.0	25 th - 187.1
1984	EGY 1197.2	CUB 655.6	ECU 565.6	BGD 506.3	BUL 472.4	48 th - 134.5
1985	BGD 991.8	VIE 745.0	THA 708.7	BRA 571.8	POR 538.7	37 th - 181.0
1986	BRA 1381.8	THA 871.9	POL 833.5	BGD 823.9	SYR 751.8	63 rd - 64.8
1987	HUN 3305.2	DRK 986.8	BUL 888.5	INS 885.8	EGY 878.9	47 th - 191.4
1988	BUL 1195.6	PER 856.5	EGY 768.6	INS 751.7	MAL 656.0	54 th - 117.0
1989	EGY 990.9	CPR 868.2	POR 769.6	CHI 756.9	MAL 619.4	58 th - 111.2
1990	POL 1562.3	VIE 1518.8	DRK 1156.2	IRA 958.0	YUG 933.4	54 th - 166.4
1991	BUL 893.1	PAK 868.8	INS 855.1	VIE 817.6	CPR 814.5	49 th - 202.2
1992	EGY 1255.7	CPR 1009.0	VIE 872.8	INS 826.6	IRA 795.5	46 th - 243.4
1958-92	EGY 10847.0	HUN 8743.7	POL 8486.4	VIE 8199.9	PAK 8115.6	61 st - 1647.4

ASSISTANCE PROVIDED BY THE AGENCY TO THE DOMINICAN REPUBLIC

**Financial Summary 1983 - 1992
(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
1983	21.5	154.6	14.6	-	-	190.7	-	185.8	1.3	-	3.6	190.7
1984	44.6	83.2	16.2	-	-	144.0	-	122.5	12.0	-	9.5	144.0
1985	15.9	152.3	12.9	-	-	181.1	-	119.1	61.9	-	0.1	181.1
1986	9.6	9.1	46.1	-	-	64.8	-	64.8	-	-	-	64.8
1987	25.2	129.9	47.7	-	-	202.8	-	189.5	1.9	-	11.4	202.8
1988	29.6	64.0	28.2	-	-	121.8	-	114.8	2.2	-	4.8	121.8
1989	20.9	69.8	20.5	-	-	111.2	-	110.6	0.6	-	-	111.2
1990	31.4	125.0	10.0	-	-	166.4	-	161.6	4.8	-	-	166.4
1991	20.5	139.2	42.5	-	-	202.2	-	202.2	-	-	-	202.2
1992	43.2	152.8	47.4	-	-	243.4	-	243.3	0.1	-	-	243.4
1983-92	262.4	1 079.9	286.1	-	-	1 628.4	-	1 514.2	84.8	-	29.4	1 628.4

TECHNICAL CO-OPERATION PROJECTS IN THE DOMINICAN REPUBLIC
BY SECTOR

PROJECTS COMPLETED AND OPERATIONAL 1983 - 1993

TOTAL PROJECT ALLOTMENTS AND DISBURSEMENTS
(as of 30 April 1993)

SECTOR	NO. OF PROJECTS	ALLOTMENTS \$	% OF TOTAL	DISBURSEMENTS \$	% OF TOTAL
General atomic energy development	1	340 971	18.6	336 365	22.5
Nuclear physics and chemistry	3	459 904	25.0	452 439	30.3
Nuclear raw materials	-	-	-	-	-
Nuclear engineering and technology	-	-	-	-	-
Nuclear techniques in agriculture	1	76 699	4.2	58 414	3.9
Nuclear medicine	-	-	-	-	-
Nuclear techniques in biology	-	-	-	-	-
Nuclear techniques in industry and hydrology	5	832 481	45.3	589 387	39.5
Nuclear safety	2	126 754	6.9	56 254	3.8
TOTAL	12	1 836 809	100.0	1 492 859	100.0

TECHNICAL CO-OPERATION PROJECTS IN THE DOMINICAN REPUBLIC
 COMPLETED AND OPERATIONAL, BY SECTOR, 1983 - 1993
 (As of 30 April 1993)

Sector	No. of projects	Total project allotments \$	Total project disbursements \$
<u>Completed projects</u>			
General atomic energy development	1	340 971	336 365
Nuclear physics and chemistry	2	340 204	333 113
Nuclear raw materials	-	-	-
Nuclear engineering and technology	-	-	-
Nuclear techniques in agriculture	-	-	-
Nuclear medicine	-	-	-
Nuclear techniques in biology	-	-	-
Nuclear techniques in industry & hydrology	2	281 054	279 399
Nuclear safety	-	-	-
TOTAL	5	962 229	948 877
<u>Operational projects</u>			
General atomic energy development	-	-	-
Nuclear physics and chemistry	1	119 700	119 326
Nuclear raw materials	-	-	-
Nuclear engineering and technology	-	-	-
Nuclear techniques in agriculture	1	76 699	58 414
Nuclear medicine	-	-	-
Nuclear techniques in biology	-	-	-
Nuclear techniques in industry & hydrology	3	551 427	309 988
Nuclear safety	2	126 754	56 254
TOTAL	7	874 580	543 982

**EXPERT SERVICES, EQUIPMENT AND PROJECT-FUNDED TRAINING PROVIDED TO THE DOMINICAN REPUBLIC, BY SECTOR
PROJECTS COMPLETED AND OPERATIONAL 1983 - 1993
(As of 30 April 1993)**

FIELD	TOTAL PROJECT ALLOTMENTS				TOTAL PROJECT DISBURSEMENTS			
	EXPERT SERVICES		EQUIPMENT	TRAINING	EXPERT SERVICES		EQUIPMENT	TRAINING
	M/M	\$	\$	\$	M/M	\$	\$	\$
General atomic energy development	12/00	75 450	265 521	-	11/29	70 937	265 428	-
Nuclear physics and chemistry	11/19	78 215	381 689	-	11/26	72 980	379 459	-
Nuclear raw materials	-	-	-	-	-	-	-	-
Nuclear engineering and technology	-	-	-	-	-	-	-	-
Nuclear techniques in agriculture	2/00	19 320	45 439	11 940	1/16	14 194	41 595	2 625
Nuclear medicine	-	-	-	-	-	-	-	-
Nuclear techniques in biology	-	-	-	-	-	-	-	-
Nuclear techniques in industry & hydrology	18/05	166 490	537 231	128 760	11/01	88 756	416 114	84 517
Nuclear safety	3/16	33 170	87 284	6 300	1/23	17 526	37 476	1 252
TOTAL	47/10	372 645	1 317 164	147 000	38/05	264 393	1 140 072	88 394

AGENCY FELLOWS FROM THE DOMINICAN REPUBLIC

1983 - 1993¹
(As of 30 April 1993)

Sector	No. of fellowships	No. of months/days	Host countries
General atomic energy development	1	0/05	COS
Nuclear physics	7	14/27	NIC, ELS, VEN, CHI, FRA, USA
Nuclear chemistry	5	39/03	SPA, USA, BRA, BEL
Nuclear raw materials	-	-	-
Nuclear engineering and technology	3	16/22	COL, IAEA
Nuclear techniques in agriculture	4	6/25	COS, MEX
Nuclear medicine	1	14/28	UK
Nuclear techniques in biology	-	-	-
Nuclear techniques in industry and hydrology	13	38/23	AUS, GER, ITA, ARG, SPA, CHI, COL, IAEA
Nuclear safety	1	12/01	PUE
TOTAL	35	143/14	

^{1/} Only includes fellows who have completed or at least started training.

DOMINICAN REPUBLIC
LONG-TERM FELLOWSHIPS
1983 - 1993
(As of 30 April 1993)

Name	Field of study	Host country	Date	Duration	Project
ALBERTO DE RODRIGUEZ	Analytical chemistry	USA	Nov.85 - Sep.87	22/01	DOM/0/002
ALMONTE REYNOSO	Radiation medical physics	UK	Aug.91 - Nov.92	14/28	DOM/8/004
RODRIGUEZ MORILLO	Tracers in sedimentology	SPA	Sep.91 - Oct.92	13/04	DOM/8/005
MERA ROMERO	Radiation protection	PUE	Aug.86 - Aug.87	12/01	DOM/0/002

DOMINICAN NATIONALS WHO WERE AWARDED MORE THAN ONE
FELLOWSHIP OR SCIENTIFIC VISIT
1983 - 1993
(As of 30 April 1993)

Name	Field of study	Host country	Date	Duration	Project
ALBERTO DE RODRIGUEZ	1. Analytical chemistry 2. Analytical chemistry	USA BEL	Nov.85 - Sep.87 Jan.93 - Mar.93	22/01 2/00	DOM/0/002 DOM/8/004
ALVAREZ	1. Analytical nuclear physics 2. Analytical nuclear physics	VEN USA	Apr.85 - Jul.85 Jan.88 - May 88	2/26 3/21	DOM/1/004 DOM/1/004
BUENO DE SEGADLO	1. Groundwater hydrology 2. Isotope hydrology	AUS GER IAEA	Aug.85 - Oct.85 Mar.89 - Jun.89	1/10 3/05	- RLA/0/011
FEBRILLET HUERTAS	1. Hydrology 2. Isotope hydrology	CHI IAEA SPA	Mar.89 - Apr.89 Mar.91	0/26 0/19	RLA/0/011 DOM/8/005
RODRIGUEZ MORILLO	1. Isotope hydrology 2. Tracers in sedimentology	SPA SPA	Jan.88 - Jul.88 Sep.91 - Oct.92	6/01 13/04	DOM/8/002 DOM/8/005
SBRIZ ZEITUN	1. Analytical nuclear physics 2. Moessbauer spectroscopy 3. Overall programming	BRA CHI COS	Mar.83 - Jun.83 Nov.85 Oct.92	3/01 0/12 0/05	DOM/0/002 RLA/0/006 DOM/9/002

AGENCY TRAINING COURSES WITH DOMINICAN PARTICIPATION

1983 - 1993
(As of 30 April 1993)

Field	Number of participants	Number of courses
General atomic energy development	6	4
Nuclear physics	6	6
Nuclear chemistry	3	3
Nuclear raw materials	-	-
Nuclear engineering and technology	5	5
Nuclear techniques in agriculture	7	6
Nuclear medicine	-	-
Nuclear techniques in biology	-	-
Nuclear techniques in industry & hydrology	69	68
Nuclear safety	3	3
TOTAL	99	95

**MULTIPLE PARTICIPATION IN AGENCY TRAINING COURSES
BY DOMINICAN NATIONALS
1983 - 1993
(As of 30 April 1993)**

Name	Course No.	Course title	Year	Location
ALBERTO DE RODRIGUEZ	RLA/1/003 (001)	RTC on radiochemistry and nuclear analytical techniques	1984	ECU
	RLA/2/003 (006)	RTC on the application of X-ray fluorescence to environmental problems	1990	PAR
ALVAREZ	INT/1/037 (001)	ITC on advanced data processing and interpretation in X-ray fluorescence analysis	1985	YUG
	RLA/4/006 (008)	Regional seminar on recent advances in nuclear data acquisition and analysis systems	1987	GUA
DISLA	RLA/8/005 (083)	RTC on NDT on eddy currents (level II)	1985	ARG
	RLA/8/005 (136)	RTC on ultrasonics in welded joints	1986	BRA
	RLA/8/006 (008)	RTC on surface methods (level III)	1985	BRA
GOMEZ GRATEREAUX	RLA/8/013 (106)	RTC on preparation of test procedures	1991	GUY
	RLA/8/017 (016)	RWS on NDT for quality	1992	CHI
GRULLON TEJADA	RLA/8/005 (081)	RTC on NDT in thermography	1985	ARG
	RLA/8/005 (125)	RTC on radiography (level I)	1986	JAM
	RLA/8/005 (127)	RTC on radiography (level II)	1986	CHI
JACOBO ACOSTA	RLA/8/006 (017)	Regional co-ordinators meeting at the 13th World Conference on NDT	1992	BRA
	RLA/8/013 (009)	International 12th World Conference on NDT	1989	NET
	RLA/8/013 (010)	International workshop on project achievements	1989	GFR
	RLA/8/013 (011)	Regional seminar on NDT advanced techniques	1989	GFR
	RLA/8/013 (012)	Regional seminar on NDT advanced techniques	1989	ITA
	RLA/8/013 (056)	RWS on quality assessment	1990	BRA
	RLA/8/017 (001)	RWS on industrial quality in production and maintenance	1991	BRA
	RLA/8/017 (013)	Regional working group meeting on quality engineering	1992	ARG
MEDINA DIAZ	RLA/1/009 (001)	RTC on the use of isotope techniques in environmental studies of the hydrosphere and atmosphere	1992	BRA
	RLA/9/015 (001)	RTC on safety and regulation of radiation sources	1993	MEX

**MULTIPLE PARTICIPATION IN AGENCY TRAINING COURSES
BY DOMINICAN NATIONALS
1983 - 1993
(As of 30 April 1993)**

Name	Course No.	Course title	Year	Location
MONTES DE OCA	RLA/8/005 (088)	Regional study tour for RWG members	1985	CAN
	RLA/8/005 (115)	Fifth regional working group meeting	1985	MEX
	RLA/8/005 (116)	Sixth regional working group meeting	1985	GUA
MOYA PAULINO	RLA/8/005 (087)	Regional train-the-trainers course on ultrasonics	1985	CAN
	RLA/8/006 (011)	RTC on computer-aided NDT	1986	MEX
	RLA/8/013 (001)	Regional informative course on computers in NDT	1988	ARG
	RLA/8/013 (024)	RTC on real-time radiography	1989	BRA
	RLA/8/013 (078)	RTC on UT and RT in casting inspection	1990	MEX
PEREZ	RLA/8/006 (016)	Regional informative course on thermography	1988	VEN
	RLA/8/013 (031)	RTC on eddy currents in aircraft maintenance	1989	URU
PEREZ JIMENEZ	RLA/8/005 (200)	Eighth regional working group meeting	1987	BOL
	RLA/8/005 (232)	Ninth regional working group meeting	1988	PER
	RLA/8/005 (233)	Regional II Congress on NDT	1988	PER
	RLA/8/013 (026)	Regional working group meeting	1989	COS
	RLA/8/013 (061)	RTC on inspection of LPG cylinders	1990	PER
	RLA/0/017 (002)	RWS on ISO criteria for a survey on quality control in the region	1991	ECU
	RLA/8/017 (071)	Regional working group on criteria for a survey on quality in the region	1992	BRA
RAMIREZ CASILLA	RLA/8/005 (084)	RTC on NDT in radiography (level II)	1985	ECU
	RLA/8/005 (194)	Regional seminar on high-energy RT	1987	ECU
	RLA/8/006 (012)	RTC on radiography (level III)	1986	COL
	RLA/8/013 (002)	RWS on qualification and certification	1988	BRA
	RLA/8/013 (003)	RWS on preparation of test specimens	1988	BRA
	RLA/8/013 (058)	RWS on radiation protection for radiographers	1990	ARG
	RLA/8/013 (109)	RWS on criteria for conception and management of test pieces for qualification and certification of NDT personnel	1991	CHI

**MULTIPLE PARTICIPATION IN AGENCY TRAINING COURSES
BY DOMINICAN NATIONALS
1983 - 1993
(As of 30 April 1993)**

Name	Course No.	Course title	Year	Location
REYES	RLA/8/005 (086)	Regional train-the-trainers course on magnetic particles	1985	CAN
	RLA/8/005 (193)	RTC on eddy currents (level III)	1987	BRA
	RLA/8/005 (216)	Regional informative course on on-line applications NDT	1988	BRA
	RLA/8/005 (223)	Regional informative course on eddy current testing in boiler-tube inspection	1988	CHI
	RLA/8/013 (023)	RTC on eddy currents in ferromagnetic materials	1989	CHI
	RLA/8/013 (072)	RWS on underwater inspection	1990	BRA
ROBLES OBEDIENTE	RLA/8/005 (192)	Regional seminar on NDT of vibrations	1987	ARG
	RLA/8/005 (237)	National informative study tour on vibrations	1988	GFR
	RLA/8/006 (009)	RTC on ultrasonics (level II)	1985	ARG
	RLA/8/013 (025)	RTC on vibration monitoring in rotating machinery	1989	MEX
	RLA/8/013 (102)	RTC on UT characterization and dimensioning of welding defects	1991	TRI
	RLA/8/017 (034)	RWS on quality improvement in metal-mechanical industry by eddy current	1992	CHI
SBRIZ ZEITUN	INT/1/029 (001)	ITC on dosimetry	1984	BRA
	RLA/4/006 (013)	RTC on high-resolution radiation detectors	1988	ARG
URIBE	RLA/8/005 (079)	RTC on welding inspection	1985	URU
	RLA/8/006 (013)	RTC on materials and processes	1987	MEX
	RLA/8/013 (005)	Regional informative course on NDT in composite materials	1988	PER
VALCONI REYES	INT/0/043 (001)	ITC on interfacing in nuclear experiments	1987	POR
	INT/9/129 (001)	ITC on planning, organization and implementation of radiation protection on a national level	1992	USA

PROJECTS COMPLETED IN THE DOMINICAN REPUBLIC SINCE 1983
(As of 30 April 1993)

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS				COMPLETED
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING	
			M/M	\$	\$	\$	M/M	\$	\$	\$	
1982	DOM/0/002	Nuclear science laboratory	12/00	75 450	265 521	-	11/29	70 937	265 428	-	1991
1983	DOM/1/003	Moessbauer spectrometry	7/00	44 100	58 000	-	7/06	33 050	58 581	-	1987
1984	DOM/1/004	Nuclear analytical techniques	3/19	25 865	212 239	-	3/19	30 122	211 360	-	1992
1986	DOM/8/002	Isotopes in hydrology	4/00	29 325	119 111	-	4/07	25 237	119 100	-	1991
1988	DOM/8/003	Groundwater hydrology	2/18	19 870	105 448	7 300	2/18	21 211	105 447	8 404	1991
	TOTAL	5 projects	29/07	194 610	760 319	7 300	29/19	180 557	759 916	8 404	

**OPERATIONAL PROJECTS IN THE DOMINICAN REPUBLIC
(As of 30 April 1993)**

STARTED	PROJECT NO.	TITLE	ALLOTMENTS				DISBURSEMENTS			
			EXPERTS		EQUIPMENT	TRAINING	EXPERTS		EQUIPMENT	TRAINING
			M/M	\$	\$	\$	M/M	\$	\$	\$
1989	DOM/2/002	Nuclear analytical techniques (phase II)	1/00	8 250	111 450	-	1/01	9 808	109 518	-
1991	DOM/5/003	Immunoassay techniques in animal diseases	2/00	19 320	45 439	11 940	1/16	14 194	41 595	2 625
1991	DOM/8/004	Nuclear techniques in environmental studies	3/12	31 170	101 100	62 227	2/12	22 064	85 947	52 317
1991	DOM/8/005	Sedimentological studies	2/05	21 025	129 572	25 033	1/19	18 404	89 673	23 796
1993	DOM/8/006	Study of the dynamics of lake Enriquillo	6/00	65 100	82 000	34 200	0/05	1 840	15 947	-
1988	DOM/9/002	Radiation protection	1/16	12 020	42 284	-	1/23	17 526	37 476	1 252
1993	DOM/9/003	Radiation protection (phase II)	2/00	21 150	45 000	6 300	-	-	-	-
	TOTAL	7 projects	18/03	178 035	556 845	139 700	8/16	83 836	380 156	79 990

COUNTERPART INSTITUTIONS IN THE DOMINICAN REPUBLIC (I)

(By Project)

<u>Project No.</u>	<u>Institute</u>	<u>Counterpart(s)</u>
<u>GENERAL ATOMIC ENERGY DEVELOPMENT</u>		
DOM/0/002	Autonomous University of Santo Domingo, Faculty of Sciences, Institute of Physics, Santo Domingo	MERA ROMERO FERNANDEZ MARTINEZ
<u>NUCLEAR PHYSICS AND CHEMISTRY</u>		
DOM/1/003	Pedro Henriquez Urena National University, Department of Physics, Santo Domingo	SBRIZ ZEITUN
DOM/1/004	Pedro Henriquez Urena National University, Department of Physics, Santo Domingo	SBRIZ ZEITUN TOBAR
DOM/2/002	Pedro Henriquez Urena National University, Department of Physics, Santo Domingo	SBRIZ ZEITUN
<u>AGRICULTURE</u>		
DOM/5/003	Secretariat of State for Agriculture, Central Veterinary Laboratory, Santo Domingo	DUVAL DE POU DANIELS
<u>NUCLEAR TECHNIQUES IN INDUSTRY AND HYDROLOGY</u>		
DOM/8/002	National Institute of Water Resources, Santo Domingo	FEBRILLET HUERTAS
DOM/8/003	National Institute of Water Resources, Santo Domingo	FEBRILLET HUERTAS BUENO DE SEGADLO
DOM/8/004	Autonomous University of Santo Domingo, Laboratory of Nuclear Science, Santo Domingo	ALMONTE REYNOSO ALBERTO THEN
DOM/8/005	National Institute of Water Resources, Santo Domingo	ANIL FEBRILLET HUERTAS

COUNTERPART INSTITUTIONS IN THE DOMINICAN REPUBLIC (I)
(By Project)

<u>Project No.</u>	<u>Institute</u>	<u>Counterpart(s)</u>
<u>NUCLEAR TECHNIQUES IN INDUSTRY AND HYDROLOGY (cont'd)</u>		
DOM/8/006	Autonomous University of Santo Domingo, Faculty of Sciences, Institute of Physics, Santo Domingo	FEBRILLET HUERTAS
<u>NUCLEAR SAFETY</u>		
DOM/9/002	National Commission for Nuclear Affairs, Santo Domingo	SBRIZ ZEITUN VALENZUELA
DOM/9/003	National Commission for Nuclear Affairs, Santo Domingo	SBRIZ ZEITUN VALCONI REYES

COUNTERPART INSTITUTIONS IN THE DOMINICAN REPUBLIC (II)
(By Institute)

SANTO DOMINGO

National Commission for Nuclear Affairs
Santo Domingo

DOM/9/002 Radiation Protection
DOM/9/003 Radiation Protection (Phase II)

Secretariat of State for Agriculture
Central Veterinary Laboratory
Santo Domingo

DOM/5/003 Immunoassay Techniques in Animal Diseases

National Institute of Water Resources
Santo Domingo

DOM/8/002 Isotopes in Hydrology
DOM/8/003 Groundwater Hydrology
DOM/8/005 Sedimentological Studies

Autonomous University of Santo Domingo
Faculty of Sciences
Institute of Physics
Santo Domingo

DOM/0/002 Nuclear Science Laboratory
DOM/8/006 Study of the Dynamics of Lake Enriquillo

Autonomous University of Santo Domingo
Laboratory of Nuclear Science
Santo Domingo

DOM/8/004 Nuclear Techniques in Environmental Studies

Pedro Henriquez Urena National University
Department of Physics
Santo Domingo

DOM/1/003 Moessbauer Spectrometry
DOM/1/004 Nuclear Analytical Techniques
DOM/2/002 Nuclear Analytical Techniques (Phase II)

**THE AGENCY'S TECHNICAL CO-OPERATION PROGRAMME WITH
THE DOMINICAN REPUBLIC
SINCE 1983**

LONG-TERM EXPERT ASSIGNMENTS

NONE

RESEARCH CONTRACTS/AGREEMENTS IN THE DOMINICAN REPUBLIC SINCE 1983 ^{1/}
(As of 30 April 1993)

Field of activity	No. of contracts/ agreements	Amount allocated \$
Nuclear chemistry	1	^{2/}
Nuclear techniques in industry & hydrology	1	14 800
TOTAL	2	14 800

^{1/} New awards since 1983

^{2/} Cost-free

**SCIENTISTS FROM THE DOMINICAN REPUBLIC SERVING AS AGENCY
TECHNICAL CO-OPERATION EXPERTS OR
TRAINING COURSE LECTURERS
1983 - 1993
(As of 30 April 1993)**

Name	No. of assignments	Project(s)
ALBERTO DE RODRIGUEZ	1	RLA/2/003
ALVAREZ	2	PER/0/018, VEN/2/006
CRUZ PLASCENCIA	4	RLA/8/005, RLA/8/006
FEBRILLET HUERTAS	1	DOM/8/003
HERRERA	1	RLA/8/017
JACOBO ACOSTA	2	RLA/8/013
LOPEZ	1	RLA/8/005
MONTES DE OCA	4	RLA/8/005, RLA/8/006
PEREZ JIMENEZ	2	RLA/8/013
TOTAL	18	

**AGENCY FELLOWSHIPS AND SCIENTIFIC VISITS
HOSTED BY THE DOMINICAN REPUBLIC
1983 - 1993
(As of 30 April 1993)**

NONE

**REGIONAL AND INTERREGIONAL TRAINING EVENTS
HOSTED BY THE DOMINICAN REPUBLIC
1983 - 1993
(As of 30 April 1993)**

Course No.	Course Title	Partici- pants	Year
INT/4/096 (001)	ITC on advanced interfacing in nuclear experiments	16	1988
RLA/8/013 (111)	RWS on inspection of LPG cylinders	15	1991
	TOTAL	31	