



IAEA

International Atomic Energy Agency

INIS SECRETARIAT

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INIS PROGRESS AND ACTIVITY REPORT 2003

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Highlights of INIS Activities 2003

INIS, the International Nuclear Information System, is an established nuclear information resource operated by the IAEA on behalf of its Members. Its primary mission is to foster open information exchange for the scientific benefit of its Members. In 2003, two new Member States joined INIS, bringing the total number of participating members to 129, including 110 countries and 19 international organizations.

Bibliographic Database

With 87,822 records added in 2003, an increase of 23% compared to the last year's total of 71,251, INIS had its best annual production in 10 years. This was the result of extensive work on a backlog of core journals by staff at the Secretariat, voluntary contributions by Member States and outsourcing to external experts.

This year, there have been 4,907 bibliographic records prepared as voluntary contribution by INIS Member States¹ (an increase of 27 % compared to 2002) and 26,322 records prepared by the INIS Secretariat (an increase of 130 % compared to 2002). There are now 2,435,090 records in the INIS database.

The gap in the coverage of core journals, identified for the period starting with 1999, is in the process of being filled. The backlog of journals from the Institute of Physics Publishing (IOPP) and Elsevier Science is now fully covered, and the acquisition and processing of records for current issues has now become routine. 27,215 records have been received from the American Institute of Physics (AIP), including the backlog of 30 core journals from 1999 to 2002. 5,837 of these records have been indexed and processed during the 4th quarter of 2003 and the entire backlog is expected to be covered by the end of 2004.

INIS Database on CD-ROM

At the end of 2003, the total number of subscriptions was 387 in 104 INIS Members. A contract to produce monthly instead of quarterly updates to the INIS Database on CD-ROM was negotiated with very favourable conditions during 2003. Distribution of the monthly updates started as planned in January 2004.

INIS Database on the Internet

The Database continued to be accepted very positively worldwide. At the end of 2003, there were a total of 331 subscribers in 109 Member States, an increase of 37% over 2002. The total number of authorised users climbed to 586,502 (110% more than 2002) with 2,504 individual registrations. Significant efforts have been invested by the INIS Secretariat to encourage ILOs and universities to register for complimentary access to the INIS Database and as a result, a total of 176 universities in 41 Member States had been provided with access at the end of 2003 (an increase of 85% over 2002).

Cooperation with OECD/NEA Databank

The Agency continued its co-operative arrangement with the OECD/NEA Data Bank. In 2003, 812 (out of 4440) programs were distributed to non-OECD countries, 205 programs contributed by non-OECD countries were distributed; and 31 (out of a total of 107) programs were contributed by non-OECD countries.

Training & Distance Learning

The INIS Secretariat organized the INIS Training Seminar at the VIC from 2-6 June 2003, Vienna. 28 participants from 28 INIS Members attended the Seminar. The Seminar provided advanced training and covered all aspects of INIS activities.

The INIS Distance Learning Program (INIS DLP) contains three courses: the first two, 'Bibliographic Description' and 'Subject Analysis', give comprehensive instructions on INIS input preparation, and the third, instructions on how to search the INIS Database. The first two courses are available from the INISDLP web site <http://www.iaea.org/inis/marea/inisdpl/default.htm>, after registration with the Secretariat. The third course is freely available at <http://www.iaea.org/inis/dlp/inisqu/main.html>.

¹Argentina (435), Armenia (34), Australia (96), Austria (70), Azerbaijan (30), Belarus (200), Bulgaria (96), Chile (28), Colombia (49), Egypt (100), Estonia (52), Germany (761), Ghana (81), Hungary (218), India (214), Iran (201), Israel (200), Kazakhstan (358), Malaysia (131), Mexico (244), Pakistan (347), Philippines (50), Romania (200), Russian Federation (21), Slovenia (48), Sri Lanka (67), Sudan (30), Syria (200), Tajikistan (26), Thailand (37), Turkey (77), Uganda (19), Ukraine (115), Uruguay (26), Uzbekistan (46).

NEA Computer Program Service

During 2003, 812 (out of 4440) programs were distributed to non-OECD countries. 205 programs contributed by non-OECD countries were distributed. 31 (out of a total of 107) programs were contributed by non-OECD countries.

Technical Cooperation

The implementation of the two INIS national projects (one for Azerbaijan and one for Tajikistan) started early 2003 and will continue through 2004.

NCL Imaging and Archiving

In 2003, INIS processed 13,298 NCL documents and produced 31 CD-ROMs (13% increase over 2002). There has been a large increase in the number of documents submitted in Acrobat (PDF) format.

Replacement of the *INISIS* imaging system has led to a significant improvement in the production cycle, which is now fully synchronized with the bibliographic database production. All documents are now output in PDF and those in Western European, Cyrillic and Slavic scripts are OCRed.

INIS has continued scanning the INIS NCL microfiche archive according to the procedures established in 2002. Digitisation of INIS NCL volume 27 (over 13,000 documents) was completed.

Annotated Web Directory

The *Annotated Web Directory*, an index to nuclear related resources on the Internet, formerly known as 'INIS Web Services', was maintained and updated on a monthly basis. In December 2003, it contained a total of 2,543 entries. It scored over 1.4 Million page hits during 2003.

Knowledge Management and collaboration with other IAEA sections

Knowledge management activities concentrated on preparations for additional tasks within the framework of the new INIS organizational structure. Meetings, discussion papers and project proposals set the stage for a comprehensive Nuclear Knowledge Portal. In collaboration with the IAEA's Nuclear Power Technology Development Section, a focus onto preserving knowledge in the fast reactors domain was created.

Systems Development

The INIS XML record format has been completed, and conversion of all INIS bibliographic records is progressing. A new *INIS Imaging System* has been deployed, and the acquisition of a computer-assisted indexing system (CAI) completed, with implementation scheduled for the first half of 2004. Work on an INIS taxonomy in support of the CAI system has started.

Marketing and Outreach

During the IAEA General Conference, the INIS Secretariat organized an INIS Side Event attended by a large number of delegates. The INIS stand was also available during the Conference.

The INIS Secretariat assisted 52 Member States in promoting the System and fulfilled 107 requests for promotional packages. Selected meetings in 64 Member States were identified and promotional materials sent to ILOs, thus facilitate their INIS promotion task at these meetings.

The INIS Secretariat produced 10 subject-oriented demo CDs containing INIS records and NCL full text. It promoted INIS at 52 in-house meetings or conferences. It also co-organized the national INIS and Knowledge Preservation Seminar in Egypt and sent two INIS staff members to give lectures.

Meetings in 2003

The 31st Annual Consultative Meeting of INIS Liaison Officers was held on 31 March – 2 April 2003 in Vienna. 55 participants and 2 observers representing 53 Member States and 3 International Organisations (including the IAEA) attended the meeting.

The 9th INIS/ETDE Joint Technical Committee Meeting was held on 13-14 October 2003 in Vienna. 30 participants and 2 observers representing 21 countries, the INIS Secretariat and the ETDE OA staff attended the meeting.

INIS PROGRESS AND ACTIVITY REPORT 2003

A. General Statistics

A.1 Summary

Membership	2002	2003
Official Participants (Member States + International Organisations)	127 (108+19)	129 (110+19)
Centres Submitting Input (Member States + International Organisations)	78 (73+5)	87 (78+9)

Voluntary Contributions		
Number of contributing Centres	23	35
Number of records processed by Member States	3,839	4,907
Number of records processed by the INIS Secretariat	11,428	26,322

Form of Input (number of Centres submitting input)		
E-mail	69	72
FTP	15	14
Diskettes	7	5
LAN	7	7
CD-ROM	1	1
Worksheets	1	1
CD-ROM (NCL full text)	40	53
DAT Tape (NCL full text)	1	2

Input and Processing Figures	Volume 33	Volume 34
Records received (volume year no. 33 and 34)	76,289	89,170
Records published (volume year no. 33 and 34)	71,276	87,822
Non-conventional literature: records published	27,903	26,527

Output Figures		
Centres receiving INIS output on CD-ROM	17	16
Subscriptions to NCL documents on CD-ROM	8	8
Free subscriptions to NCL documents on CD-ROM (in accordance with INIS Technical Note 134)	53	56
INIS centres with free site license for access to the INIS Database on Internet (including the IAEA)	102	107
Authorized users for access to INIS Database on Internet under free subscriptions ²	75,777	78,519
Paid subscriptions to INIS Database on Internet	30	27
Authorized users for access to INIS Database on Internet under paid subscriptions	13,539	17,484
Authorized users for access to INIS Database on Internet under Complimentary Access for Universities/Academic Institutes	189,746	490,477

² The staff of the four INIS Members located at the Vienna International Centre (VIC) is not included, as they access the Database without registration.

INIS on CD-ROM

Paid subscriptions (current)	147	133
Free subscriptions	106	102

Meetings

Consultative Meeting of INIS Liaison Officers (number of INIS Member Countries represented)	48	55
Joint INIS/ETDE Technical Committee (number of INIS Member Countries represented)	15	16

IAEA Staff Training

In-house training sessions on INIS products (5 sessions)	66	26
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Budget (US \$ millions)

Approved budget ³	\$ 4 193	\$ 4 441
Revised financial plan	\$ 3 976	\$ 4 384
Actual expenditure		\$ 4 203

Staff — Approved posts in the INIS Section

Professional staff	16	17
General Service staff	24	25

A.2 Member States and International Organizations participating in INIS

Member State	INIS Liaison Officer	Alternate INIS Liaison Officer
Albania	Mr. Lluka Qafoku	—
Algeria	Mr. Nadjah Zenine	Mr. Salim Asselah
Argentina	Ms. Alejandra T Chavez	—
Armenia	Ms. Zhanna Kurghinyan	Mr. V. Kourguinian
Azerbaijan	Dr. Adil Garibov	—
Australia	Ms. Mary E. Huxlin	Ms. S. Gorringer
Austria	Mr. Gert Sdouz	—
Bangladesh	Mr. Kazi Azizul Hoque	Mr. M. Kaikobad
Belarus	Mr. V.A. Ivanyukovich	—
Belgium	Mr. Alain Sneyers	—
Bolivia	Ms. Carmen Rosa Fuentes Salome	—
Brazil	Mr. Luis Fernando Sayão	Ms. Odete Correa de Azevedo Coutinho
Bulgaria	Ms. Neviana Rashkova	Ms. Albena Georgieva
Cameroon	Mr. Bonaventure Etoundi	Mr. F.D. Kenmogne
Canada	Ms. Monica Lim	—
Chile	Ms. Lila Trujillo	Ms. Victoria Ortiz
China, People's Rep.	Mr. Hou Huiqun	—
Colombia	Mr. Leopoldo Gonzalez Oviedo	Ms. Ana Garcia Sanchez
Costa Rica	Ms. Maria Eugenia Bricefio	Ms. Julieta Soto Rojas
Croatia	Ms. Nevenka Novosel	—
Cuba	Mr. Manuel Fernandez Rondon	Ms. Katia Gonzalez Sanchez
Cyprus	Mr. Andreas Savva	Mr. S. Christofides
Czech Republic	Mr. Petr Adamek	—
Democratic Rep Congo	Mr. Mampasi Lubanza Christian	—
Denmark	Ms. Birgit Pedersen	Ms. Line Nissen
Ecuador	Ms. Hipsy Cifuentes	—
Egypt	Ms. Fayka abd Elhalim Ibrahim	Mr. Mahmoud Hanfy El Beheriy
El Salvador	Mr. Oscar Armando Amaya Monterrosa	Mr. Marco Antonio Ayala Aristondo
Estonia	Ms. Iige Maalman	—
Ethiopia	Mr. Birru Dori	Mr. E. Alemu
Finland	Ms. Eva Tolonen	—
France	Ms. Christa Brulet	—
Georgia	Mr. Irakli N. Maisuraoze	—
Germany	Ms. Sabine Brünger-Weilandt	Ms. Eike Helmann

³ Differences in approved budget and actual expenditure are due to changing dollar exchange rates and changes made at the mid-year review of the financial plan.

Member State	INIS Liaison Officer	Alternate INIS Liaison Officer
Ghana	Ms. E.A. Agyeman	Mr. G. Emi-Reynolds
Greece	Dr. A. Maltezos	Dr. Potiriades
Guatemala	Mr. Jorge Guillen	—
Hungary	Mr. Gyorgy Stubnya	—
India	Mr. Vijai Kumar	—
Indonesia	Mr. Syamsa Ardisasmita	—
Iran Islamic Republic	Mr. Abdolmajid Hadidi	Mr. Morteza Jabberzadeh
Iraq	Mr. I.A. Ajaj	Mr. R.A. Al-Shaheed
Ireland	Ms. Marie Kelly	—
Israel	Dr. Eli Miron	Mr. Haim Rotem
Italy	Ms. Paola Molinas	—
Japan	Mr. Osamu Narita	—
Jordan	Mr. Rawhi Qassem	Mr. Khalil Y. Awad
Kazakhstan	Ms. Karlygash Namazkulova	—
Kenya	Mr. Vitalis Omolo Awuor	Mr. Dominic Njoroge Kinyanjui
Korea, Republic of	Mr. Se-Jun Yoon	Mr. JiHo Yi
Kuwait	Mr. Ahmad Khalid Al-Jassar	—
Latvia	Ms. Ilva Ake	—
Lebanon	Ms. Amal Habib	—
Libyan Arab Jamahiriya	Mr. Ramadan S. Almorhag	Mr. Mohamed Fkini
Lithuania	Ms. Renata Karaliute	—
Madagascar	Mr. Andriantsea Jean Rubis	Mr. R. Andriambololona
Malaysia	Mr. Samsurdin Ahamad	Ms. Nor R. Abd. Hamid
Mali	—	—
Mauritius	Mr. Rajcoomar Bikoo	Mr. Radhamohun Mungur
Mexico	Mr. Ricardo Botello Corte	—
Mongolia	Mr. Gendengiin Altan-Och	Mr. Nambaryn Gansukh ⁴
Morocco	Mr. M. Mohammed El Quendouci	—
Myanmar	Ms. Win Win	—
Netherlands	Mr. H. Verkroost	—
New Zealand	Ms. Diana Kelly	—
Nicaragua	Ms. Maria de Carmen Morales	—
Niger	Mr. Salha Mayaki	—
Nigeria	DG, Energy Commission	—
Norway	Ms. Astrid Gudmundseth	Ms. Gyrid Vikoren
Pakistan	Mr. Shahid Riaz Khan	—
Panama	Dr. Octavio Castillo Sanchez	—
Paraguay	Mr. Victor Rodriguez Gauto	—
Peru	Mr. Antonio Prado-Cuba	—
Philippines	Ms. Imelda S. Delfin	Ms. Elnora L. Conti
Poland	Mr. Tadeusz Urbanski	—
Portugal	Dr. José Gonçaves Marques	Dr. Antonio Ramalho
Qatar	Mr. Salem Mohd. Al-Malki	—
Rep. of Moldova	Mr. Artur Buzdugan	—
Romania	Mr. Mircea I. Cristu	Ms. Veronica Lacatusu
Russian Federation	Mr. N.E. Yakovlev	Mr. O.G. Mikhnevich
Saudi Arabia	Mr. Hamad A. Al-Sadoon	Dr. Iyas Al-Hajiri
Senegal	Mr. Youssouph Diatta	Ms. Arlette Tairou
Serbia and Montenegro	Mr. Branislav Durasevic	Ms. Milena Matic
Singapore	Ms. Isabel Yeo-Tang I-Sha	Dr. Paul Lee
Slovak Republic	Mr. Karol Janko	—
Slovenia	Mr. Davor Lovincic	Ms. Polonca Kuhar
South Africa	Ms. M.J.S. Scheepers	—
Spain	Ms. E. Martin Santamaria	—
Sri Lanka	Ms. H.L.C. Nanayakkara	Mr. H.M.K. Soysa
Sudan	Ms. Hala Ahmed Abdalla	—
Sweden	Mr. L. Edvardson	Mr. U. Widemo
Switzerland	Dr. Fritz Gassmann	Dr. A. Pritzker
Syrian Arab Republic	Mr. Raek Al-Shanaa	Mr. Raed Al-Hallack
Tajikistan, Republic of	Mr. Mirsaidov Ulmas	Mr. Mukhabatsho Khikmatov
Thailand	Ms. Chothip Mongkulmann	Ms. P. Patumthong
TFYR Macedonia	Ms. Marija Sejmenova-Gicevska	—
Tunisia	—	Ms. Najet Khemiri
Turkey	Ms. Olcay Sahin Seckin	—

⁴ The alternate INIS Liaison Officer's institute is different from INIS Liaison Officer's institute.

Member State	INIS Liaison Officer	Alternate INIS Liaison Officer
Uganda	Mr. Richard Oriada	—
UK	Mr. Paul Nott	—
Ukraine	Ms. Zhanna I. Pysanko	—
United Arab Emirates	Mr. Sulaiman Shaheen	Ms. Fawzia Al Marzooqi; Ms. Ayda Al Shehhi
United Rep. Tanzania	Mr. Ebenezer Kimaro	Mr. Shovi F. Sawe
Uruguay	Ms. Ana Rebellato	Ms. S. Fascioli de Turenne
USA	Mr. Brian A. Hitson	Ms. Deborah E. Cutler
Uzbekistan	Dr. Makhtuba Kadirova	Dr. M. Salimov
Venezuela	Ms. Xiomara Jayaro	Ms. Yadira Rojas ⁵
Viet Nam	Mr. Hoang Anh Nguyen	—
Yemen	Mr. Mahfoudh S. Abdullah	—
Zambia	Mr. Bernard M. Chisenga	—

International Organization	INIS Liaison Officer	Alternate INIS Liaison Officer
AAEA	Ms. Nahla Nasr	—
CERN	Mr. Corrado Pettenati	—
CTBTO	Chief, Public Information Section	—
EC	—	—
FAO	Mr. G. Stergiou	—
IAEA	Mr. Y.L. Yanev	—
ICRP	Mr. D.A. Perry	—
ICSTI	Mr. A.I. Lovtsov	Mr. Leonid I. Molotkov
IIASA	Mr. Eduard Loeser	—
ISO	Mr. Evgueni Patrikeev	—
JINR	Mr. Boris M. Starchenko	—
OAU	Mr. Atef Wahba Ghabrial	—
OECD/NEA	Mr. Juan Manuel Galan	—
UNIDO	Mr. Ghislain Robyn	—
UNSCEAR	—	—
WEC	—	—
WHO	Mr. Kiyoshi Shibata	—
WMO	Mr. Paul D. Llanso	—
WONUC	Mr. Christophe Chaubard-Willm	—

A.3 INIS Membership

Year	States/ Int'l Org	INIS Members
1969	23 + 2	Argentina, Australia, Austria, Belarus, Canada, CSSR, Denmark, France, Hungary, India, Israel, Japan, Korea, Rep. of, Mexico, Norway, Pakistan, Russian Federation, South Africa, Sweden, UK, Ukraine, USA, Vietnam, FAO, IAEA
1970	38 + 12	Belgium, Brazil, Bulgaria, Egypt, Finland, Germany, Italy, Netherlands, New Zealand, Philippines, Poland, Portugal, Romania, Thailand, Yugoslavia, CERN, EC, ICRP, ISO, OAU, OECD-NEA, UNSCEAR, WEC, WHO
1971	39 + 12	Switzerland
1972	44 + 12	Bangladesh, Chile, Peru, Spain, Turkey
1973	44 + 13	JINR
1974	47 + 13	DDR, Indonesia, Iran
1975	48 + 13	Iraq
1976	51 + 13	Algeria, Ghana, Ireland
1977	53 + 13	Cameroon, Venezuela
1978	62 + 13	Democratic Rep. Congo, Ecuador, Kuwait, Madagascar, Malaysia, Mali, Qatar, Sri Lanka, Zambia
1979	64 + 13	Columbia, D.P.R. Korea
1980	66 + 13	Cuba, Greece
1981	69 + 14	Libya, Paraguay, Syria + IIASA
1982	69 + 14	—
1983	72 + 14	Saudi Arabia, Nigeria, Guatemala
1984	73 + 14	China
1985	74 + 14	Uruguay
1986	74 + 14	—
1987	75 + 14	Panama
1988	78 + 15	Costa Rica, Morocco, Jordan + UNIDO
1989	79 + 15	Mongolia
1990	79 + 15	DDR ceased, Sudan joined

⁵ See previous note.

Year	States/ Int'l Org	INIS Members
1991	80 + 16	Albania + AAEA
1992	81 + 17	Bolivia + ICSTI, WMO
1993	86 + 17	Nicaragua, Slovenia, Slovakia, Kenya, Ethiopia
1994	88 + 17	Croatia, Lebanon and Lithuania joined, D.P.R.Korea withdrew
1995	94 + 17	Armenia, Kazakhstan, Uzbekistan, Myanmar, Estonia, Tunisia
1996	99 + 17	The former Yugoslav Republic of Macedonia, Republic of Cyprus, Singapore, Yemen, Uganda
1997	101 + 17	Latvia, Republic of Moldova
1998	103 + 19	Senegal, United Arab Emirates, CTBTO, WONUC
1999	103 + 19	—
2000	103 + 19	—
2001	103 + 19	—
2002	108 + 19	Republic of Tajikistan, El Salvador, Niger, Azerbaijan, Georgia
2003	110+ 19	United Rep. of Tanzania, Mauritius

INIS Correspondence Sent to INIS Liaison Officers in 2003

No.	Date	INIS Technical Notes
166	2003-01-20	Questionnaire on Internet Access to full text Non-Conventional Literature (NCL)
167	2003-03-27	IOPP proposal for online access to the full text of their journals
168	2003-06-25	Nuclear Knowledge Management Questionnaire
169	2003-09-03	Update of the List of Journals Regularly Scanned & Key Journals for 2004
170	2003-09-22	Comprehensive Subset of the INIS Information Resources on CD-ROM on "Human Performance and Training of Nuclear Power Personnel"
171	2003-11-21	Joint INIS/ETDE Thesaurus Update PRESSURE RANGE
INIS Information Letters		
198	2003-01-09	INIS List of electronic NCL documents
199	2003-01-20	Promotion INIS During Relevant Meetings
200	2003-01-27	INIS DLP: New sound enabled version of module "How to search the INIS Bibliographic Database"
201	2003-02-18	INIS Production Statistics 2002
202	2003-02-24	INIS List of Journals Regularly Scanned and Key Journals for 2003
203	2003-05-21	Professional Vacancy in INIS Section
204	2003-10-01	Closing of Volume 34
205	2003-09-22	INIS Annual Report 2002
206	2003-10-13	INIS WinFIBRE Version 3.0 with Updated Authority Files, June 2003
207	2003-10-30	INIS DLP: Enhancements to the Subject Analysis course module
209	2003-12-12	INIS List of Journals Regularly Scanned and Key Journals for 2004
214	2004-02-12	INIS Production Statistics 2003

A.4 Revision of the Reference Series Documents

The IAEA's listing of the INIS Reference Series, both in print and on their INIS Web site, only show current manuals. Outdated or superseded manuals have been removed.

Series No	Date	Subject
IAEA-INIS-11 (Rev. 29)	March 2003	INIS: Authority List for Journal Titles
IAEA-INIS-22 (Rev. 2)	March 2003	INIS: Database Manual
IAEA-ETDE/INIS-1 Supplements	monthly	Joint ETDE/INIS Thesaurus - Supplements
IAEA-INIS-11 Rev.30	April 2004	INIS Authority List for Journal Titles

A.5 Statistics on Input

Figure 1 Input to the INIS Database by Country of Origin, Vol. 34 (2003) — Total No. of Records 87,822

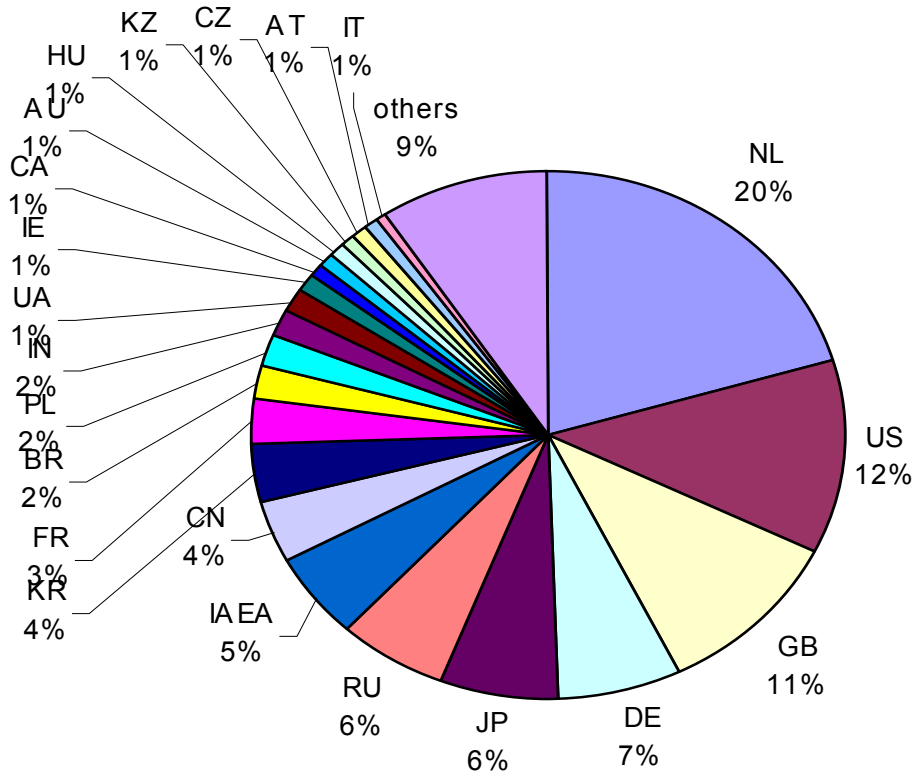


Figure 2 Input to the INIS Database by Country of Input, Vol. 34 (2003) — Total No. of Records 87,822

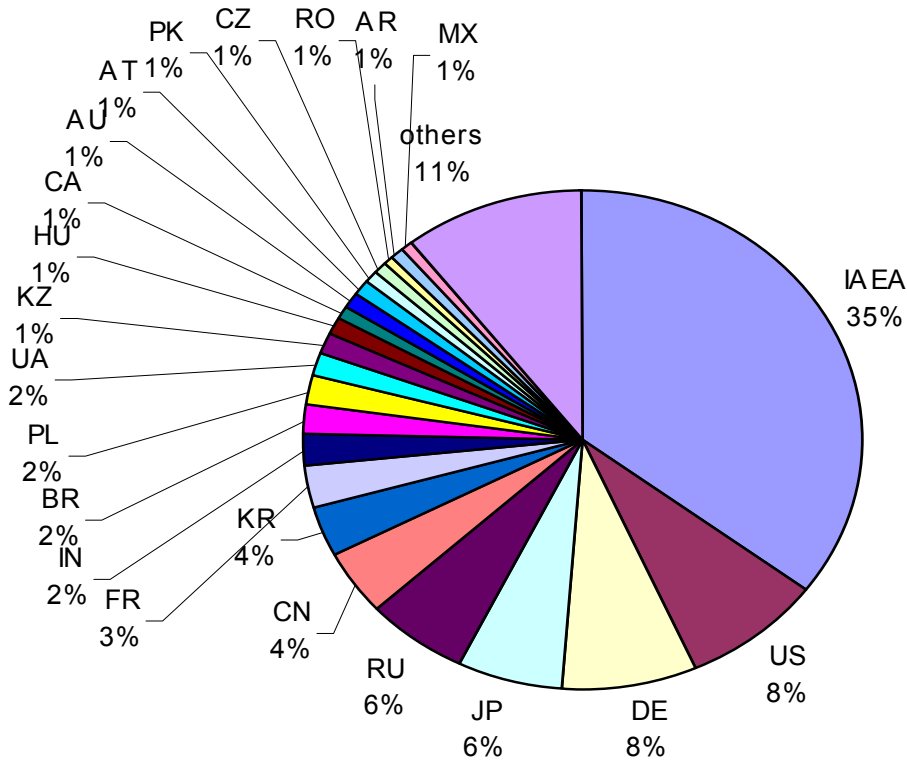


Figure 3 Input to the INIS Database by Country of Input, Vol. 32 (2001)–34 (2003)

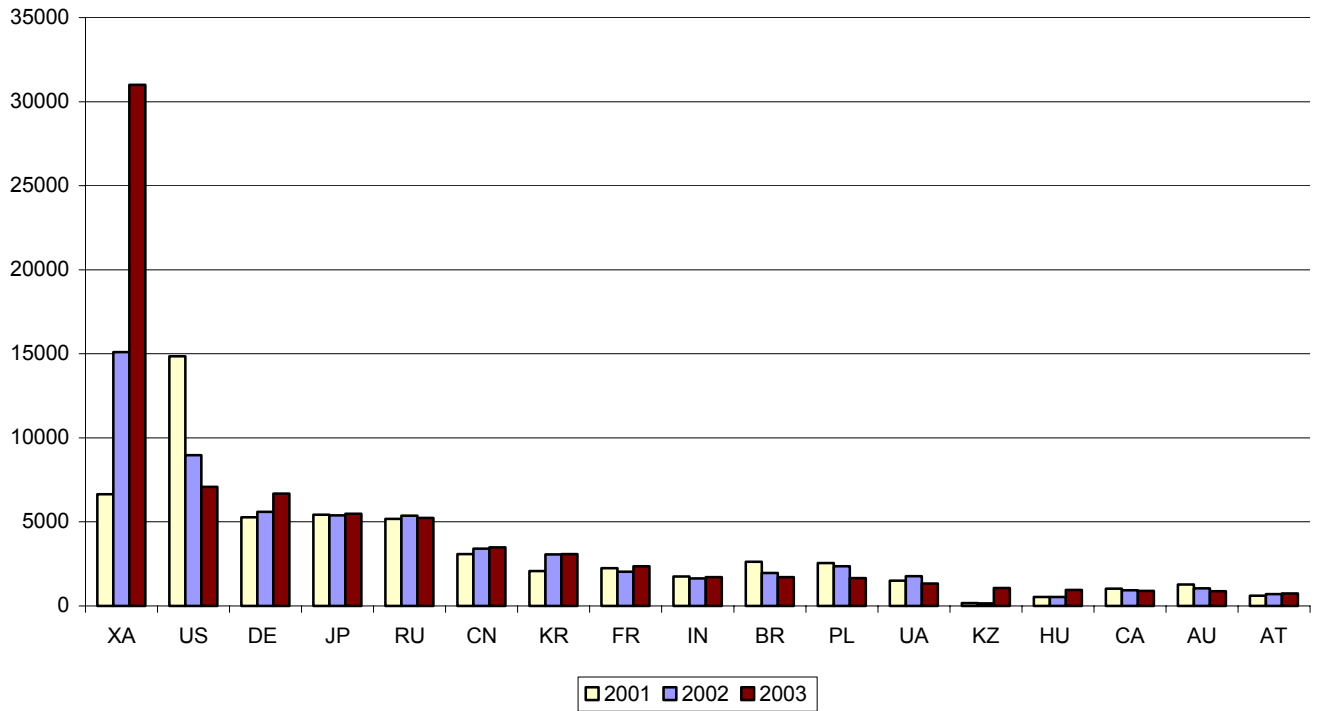


Figure 4 Input to the INIS Database, Conventional and Non-conventional Literature, Vol. 13(1982)–34 (2003)

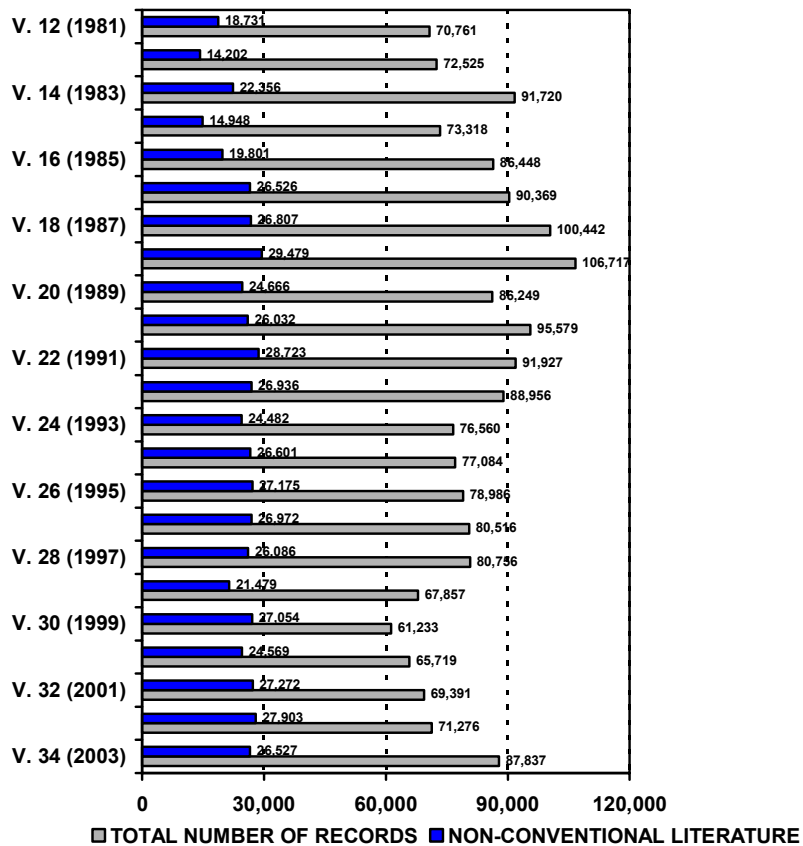


Figure 5 Input to the INIS Database Received and Published, Vol. 22 (1991)–34 (2003)

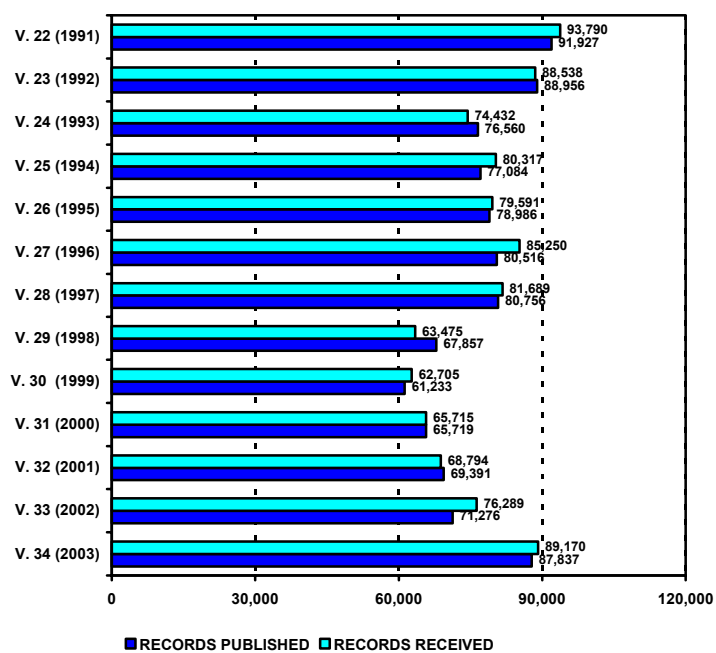


Figure 6 Input to the INIS Database by Literature Type, Vol. 34 (2003) — Total No. of Records 87,822

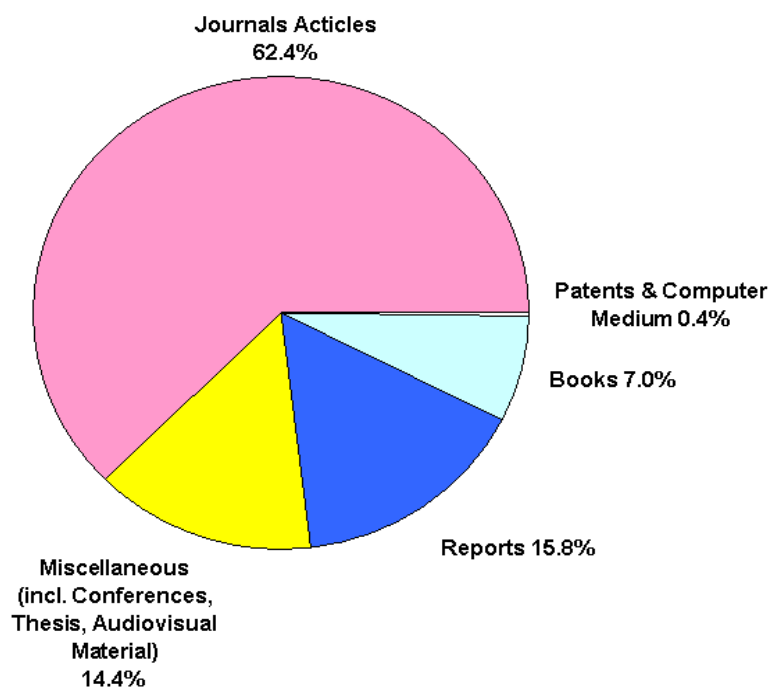
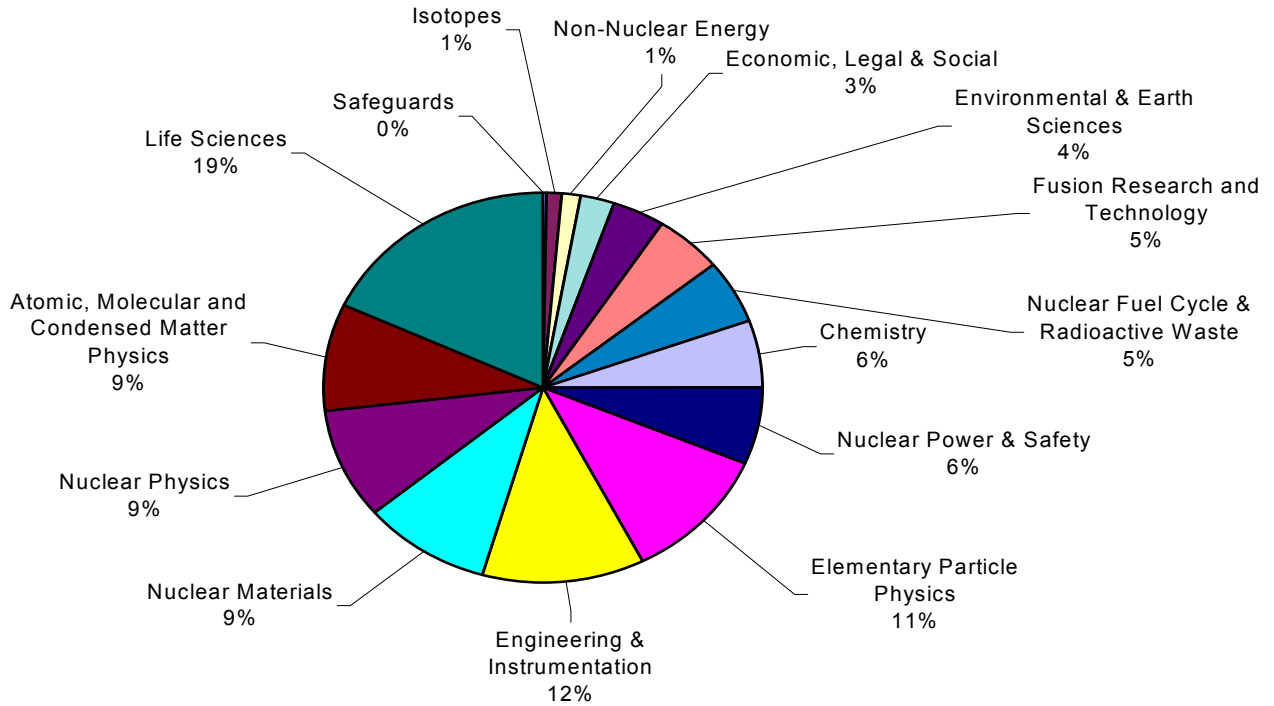


Figure 7 Input to the INIS Database by Subject Area, Vol. 34 (2003) — Total No. of Records 87,822



Key

Safeguards.....	- S98
Isotopes.....	- S07
Non-Nuclear Energy	- S01-S04, S08-S10, S13-S17, S20, S24-S25, S30
Economic, Legal & Social	- S29, S99
Environmental & Earth Sciences	- S54, S58
Fusion Research & Technology	- S70
Nuclear Fuel Cycle & Radioactive Waste	- S11, S12
Chemistry	- S37, S38
Nuclear Power & Safety	- S21, S22
Elementary Particle Physics	- S72
Engineering & Instrumentation	- S42, S43, S46, S47
Nuclear Materials	- S36
Nuclear Physics	- S71, S73
Atomic, Molecular & Condensed Matter Physics	- S74, S75
Life & Sciences.....	- S60-S63

Figure 8 Input to the INIS Database in 2003 by Year of Publication, Vol. 34 (2003) — Total No. of Records 87,822⁶

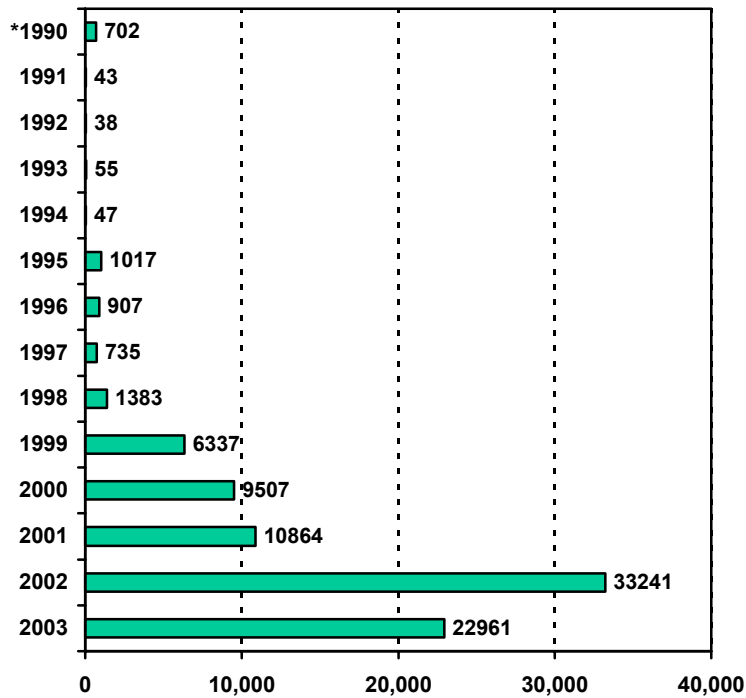
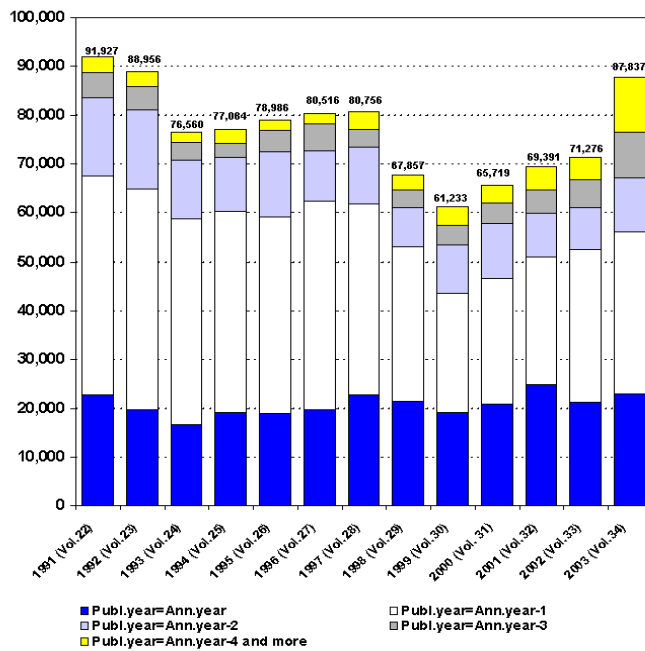


Figure 9 INIS Database Timeliness — Year of Publication in Each Announcement Year, Vol. 21 (1990)–34 (2003)



⁶ 702 records were entered with publication year 1969–1990.

B. 2003 Financial Performance Report and 2004 Financial Plan

Table 1 INIS Section 2003 Financial Performance and 2004 Financial Plan

	2003 (Plan) (at € 0.83175)	2004 (Plan) (at € 0.83175)
Staff Costs		
Salaries – Established posts – P	1 209 000	994 100
Temporary Assistance – P/MT	52 200	84 300
Temporary Assistance – P/ST	34 000	68 400
Salaries – Established Posts – GS, M&O	903 000	816 800
Temporary Assistance – GS/MT	0	0
Temporary Assistance – GS/ST	0	0
Common Staff Costs	923 300	852 100
Overtime	0	
Sub-Total, Staff Costs	3 121 500	2 815 700
Travel Costs		
Travel – Staff	50 200	45 700
Travel – Non-staff	135 900	60 300
Sub-Total, Travel Costs	186 100	106 000
Other Direct Costs		
Interpretation Services	23 000	0
Representation and Hospitality	4 000	1 200
Training	21 200	34 100
Equipment, Leased or Rented	0	4 500
Equipment: Purchased	100 000	45 600
Supplies and Materials	86 000	100 300
General Operating Expenses	44 500	66 700
Contracts	203 500	181 400
Research and Technical Contracts	0	20 000
Miscellaneous	16 200	10 200
Sub-Total, Other Direct Costs	498 400	464 000
Shared Costs		
Translation Services	16 000	5 700
Printing and Publishing Services	128 000	46 000
Data Processing Application Services	26 000	56 900
Sub-Total, Shared Costs	170 000	108 600
Total	3 976 000	3 494 300

C. INIS & NKM SECTION— Staffing as of March 2004

The re-designation and reorganization of the INIS Section as INIS & Nuclear Knowledge Management Section has been approved as of 2004-04-01. The change was made in order to harmonize the organizational structure with the programme structure under which INIS and nuclear management activities are carried out. The new structure is the following:

INIS & Nuclear Knowledge Management Section: Mr Y Yanev, Acting Section Head

Ms LM Dueñas, Prog. Officer; [Vacant], Senior Secretary

– **INIS Unit:** Mr Y Turgeon, Unit Head

[Vacant], Documentation Clerk

▪ *Database Production and Development Group:* Mr A Nevyjel, Group Leader

Mr K Itabashi, Automatic Indexing & Thesaurus Maintenance, CFE-Japan⁷; Ms S Rieder, Bibliographic Specialist; Ms N Marinkovic, Reactor Engineer; Ms C Krieger-Levine, Chemist; Mr B Negeri, Life Scientist; Mr A Avezov, Nuclear Physicist; Ms K Epperson, Doc. Assistant; Ms R Eder, Prod. Programmer; Mr A Agius, Ms N Dreihann-Holenia, Ms N Jaramillo, Ms B Jonas and Ms R Shroff (part-time), Senior Doc Clerks; Ms MA De Cobos, Doc. Clerk

▪ *Capacity Building and Liaison Group:* Ms T Atieh, Group Leader

Mr I Kodeli, Programmer; Ms G Gama de Queiroz, Information Officer; Ms G Zamirovskaia, Secretary; Ms E Aldover Flesch, Doc. Clerk; Mr S Padikakkudy, Doc. Clerk (TA)

⁷ Cost-free Expert.

- **Nuclear Knowledge Management Unit:** Mr Y. Yanev, Unit Head
Mr N Pereppadan, Documentation Clerk (TA)
 - *Knowledge Preservation Group:* Mr A Tolstenkov, Group Leader
Mr G St-Pierre, IT Systems Tech.; Mr Y Reynaud Pulido, OCR Systems Tech.; Ms L Binder, Mr M Wolodimiroff, Imaging Technicians; Ms D Pertot-Sinozic, Senior Doc. Clerk; Ms R Kunz, Documentation Clerk; Mr B Krznicaric, Imaging Helper; Mr T Kalapurackal, Imaging Assistant (TA)
 - *Knowledge Maintenance Group:* Mr W Mandl, Group Leader
Mr S Kruchinin, Tech. Information Officer, CFE-Russian Fed.; [Vacant], Knowledge Mgt Officer; [Vacant], Analyst/Proj. Leader; Mr P Gowin, Info Specialist; [Vacant], Know. Mgt. Assistant
- *Systems Development and Support Group:* Mr S Magliulo, Group Leader
Mr F Alcalá-Soler, SA/Programmer; Ms R Shah, IT Sys. Engineer (TA); Mr D Mironov, SA/Programmer (TA); Mr L Iliev, Applications Programmer; Mr NA Gyasi, Production Programmer.

D. INIS Input

D.1 Volume of Input (National Literature only)

The total number of records announced in the INIS Database volume 34 (2003) was 87,822. A total of 87 Members sent input for volume 34 (2003). INIS Liaison Officers of 42 countries were contacted in 2003 and reminded of their input responsibility. As a result of this activity, 9 countries have submitted national input. The following Members provided no national input for calendar year 2003:

Table 2 INIS Input — Members Providing No Input in 2003

Member States			International Organisations		
2001	2002	2003	2001	2002	2003
Algeria	Algeria	Algeria	AAEA	AAEA	AAEA
Bangladesh	Bangladesh	Bangladesh	CTBTO	CTBTO	CTBTO
Bolivia	Belgium	Bolivia	EC	EC	ICRP
Cameroon	Bolivia	Cameroon	FAO	FAO	ICSTI
Cyprus	Cameroon	Congo	ICRP	ICRP	IIASA
Ethiopia	Congo	Cyprus	ICSTI	ICSTI	ISO
Greece	Cyprus	Ecuador	IIASA	IIASA	OAU
Iraq	Ecuador	El Salvador	ISO	ISO	OPEC
Ireland	Ethiopia	Ethiopia	OAU	OAU	UNSCEAR
Kenya	Ghana	Georgia	UNIDO	UNIDO	WEC
Kuwait	Greece	Greece	UNSCEAR	UNSCEAR	WMO
Libya	Iraq	Guatemala	WEC	WEC	WONUC
Madagascar	Kuwait	Iraq	WHO	WHO	
Mali	Latvia	Kuwait	WMO	WMO	
Mongolia	Libya	Libya	WONUC	WONUC	
Panama	Madagascar	Madagascar			
Qatar	Mali	Mali			
Senegal	Moldova	Mauritius			
Singapore	Mongolia	Mongolia			
Thailand	Panama	Nicaragua			
Tunisia	Paraguay	Niger			
Uganda	Qatar	Panama			
United Arab Emirates	Saudi Arabia	Qatar			
Yemen	Senegal	Saudi Arabia			
	Singapore	Senegal			
	Tajikistan	Singapore			
	Tunisia	South Africa			
	Uganda	Tanzania			
	United Arab Emirates	Tunisia			
	Yemen	Uganda			
		United Arab Emirates			
		Venezuela			
		Yemen			

D.2 INIS Non-conventional Literature

Table 3 NCL Documents Processed by the INIS Secretariat, 1997–2003

	1998	1999	2000	2001	2002	2003	Total
Documents	6,673	12,671	5,083	6,790	4,884	5,366	49,444
PDF	0	0	0	1,391	4,332	5,366	11,089
Ref. Numbers	15,153	19,956	12,468	13,256	11,221	13,298	111,438

Table 4 NCL in the INIS Database at the end of 2003

	All	Volume 34
NCL	774,465	26,512
NCL available from INIS	603,981	13,298
NCL in electronic form available from INIS	136,387	13,298

D.3 Input Media

E-mail and FTP are the preferred methods to submit input: 72 centres used e-mail and 14 FTP. In addition, 5 diskettes, 1 CD-ROM and 1 worksheet were received. A LAN connection was also used for 7 submissions.

D.4 IAEA Input

During 2003, the INIS Secretariat prepared 4,677 items of input from publications of the IAEA and other UN organisations, representing an increase of 27 % compared to the 3,682 items of last year and representing 5% of the total annual input. The Secretariat also prepared 26,322 items of input from electronic records as voluntary contribution. In total 30,999 records were prepared, representing 35 % of the total annual INIS input.

D.5 Input with FIBRE

During 2003, 91 INIS Members used FIBRE, 2 more than in the previous year. The majority use FIBRE to create records, although a few use it to verify input only.

D.6 Submission of NCL (in Electronic Form and in Hard Copy)

The total number of NCL documents submitted during the year 2003 was 5,366 (13,298 analytics) of which 2,284 documents were in printed form and 3,082 in electronic form (over 60% in PDF).

E. Input Processing Support

E.1 Authorities

E.1.1 INIS Reference Series — Journal Titles

Three cumulative supplements of the *IAEA-INIS-11: Authority List for Journal Titles* have been produced in 2003. Supplement No. 1 covered titles added and/or changed in January–March 2003, Supplement No. 2 titles for January–June 2003 and Supplement No. 3 titles for January–September 2003.

The INIS Journal Authority records have been updated according to the information received from Liaison Officers. ‘INIS List of Journals Regularly Scanned and Key Journals for 2004’ has been produced and sent to all INIS Centres in December 2003 as an attachment to *INIS Information Letter N° 209*. The list and the information letter are available from the INIS Members area on the INIS Web site at:

<http://www.iaea.org/programmes/inis/marea/restricted/restrictedpdf/2003/infoletter209.pdf>.

The 30th Revision of *IAEA-INIS-11: Authority List for Journal Titles* containing 12,980 titles has been published in March 2004. The list has been re-arranged in six parts, i.e. Part I: *Key Journals by Country or International Organization Name*; Part II: *Alphabetical List of Key Journals*; Part III: *Regularly Scanned Journals by Country or International Organization Name*; Part IV: *Alphabetical List of Regularly Scanned Journals*; Part V: *Journal Titles by Country or International Organization Name*; Part VI: *Alphabetical List of Journal Titles*, plus *Appendix A: Statistics*. All of these lists are also available as individual pdf files from the INIS Members area on the INIS Web site at:

<http://www.iaea.org/programmes/inis/marea/restricted/restrictedpdf/2004/inis11feb04i.pdf>.

E.1.2 ETDE/INIS Joint Reference Series — Joint Thesaurus

The printed versions of all three titles in the *ETDE/INIS Joint Reference Series* were published in 2002. The updated Joint Thesaurus will be published in May 2004 as ETDE/INIS Joint Reference Series No. 1 (Rev. 1).

E.2 Database Quality Assurance

In order to assure the high quality of the common database, the INIS Secretariat, acting on behalf of its Members, carefully considers the major quality aspects of input with regard to completeness of coverage; timeliness; consistency; bibliographic description and subject analysis.

E.2.1 Completeness of Coverage — Voluntary Contributions of Input by Member States

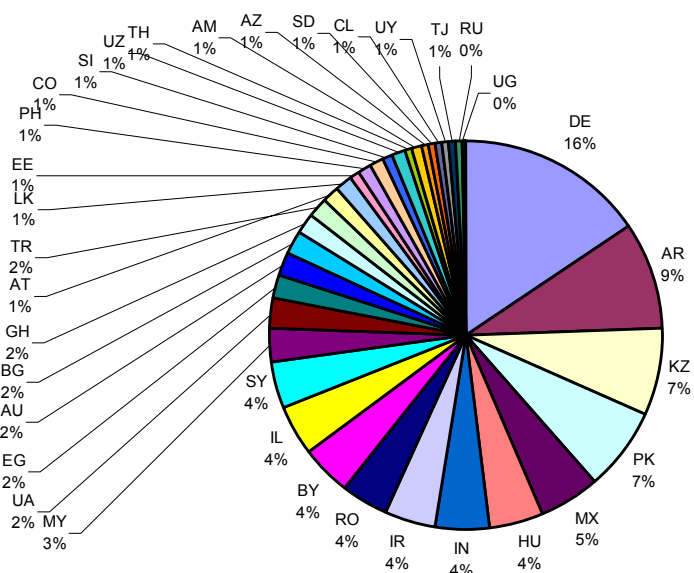
The gap in the coverage of core journals, identified for the period starting with 1999, is in the process of being filled. The backlog of journal articles from the Institute of Physics Publishing (IOPP) and Elsevier Science is now fully covered, and the acquisition and processing of records for current issues has now become routine. 27,215 records have been received from the American Institute of Physics (AIP), including a backlog of 30 core journals published between 1999 and 2002. 5,837 of these records have been indexed and processed during the 4th quarter of 2003, and the entire backlog is expected to be covered by the end of 2004.

These initiatives have resulted in the input of 31,229 bibliographic records in 2003, indexed either as a voluntary contribution by 35 INIS Member States (4,907 records) or by subject specialists from the INIS Section (26,322 records):

Table 5 INIS Members Voluntary Contributions in 2003

IAEA	26,322	Hungary	218	Syria	200	Ghana	81	Colombia	49	Sudan	30
Germany	761	India	214	Malaysia	131	Turkey	77	Slovenia	48	Chile	28
Argentina	435	Iran, Islamic Rep	201	Ukraine	115	Austria	70	Uzbekistan	46	Tajikistan	26
Kazakhstan	358	Belarus	200	Egypt	100	Sri Lanka	67	Thailand	37	Uruguay	26
Pakistan	347	Israel	200	Australia	96	Estonia	52	Armenia	34	Russian Federation	21
Mexico	244	Romania	200	Bulgaria	96	Philippines	50	Azerbaijan	30	Uganda	19

Figure 10 INIS Members Voluntary Contributions in 2003



E.2.2 Completeness of Coverage — Conference Literature

At the 31st Consultative Meeting of the INIS Liaison Officers held from 31 March to 2 April 2003 in Vienna, the INIS Secretariat outlined a series of actions it would take to ensure comprehensiveness of coverage of conference literature in the INIS Database and avoid future coverage gaps. This included coverage analysis for 2001-2002, scope verification of 'core' conferences, identification of publishers, assistance from Liaison Officers in improving coverage applying a model similar to the 'backlog recovery of core journals'. The 9th Joint Technical Committee held in Vienna on 15–16 October 2003 supported the effort of the INIS Secretariat in exploring solutions to assist in identifying missing conferences and improving coverage. During 2003, the INIS Secretariat performed more detailed studies, carried out ample Web searches and explored various resources to ensure that full text of several conferences held in 2001 is preserved before they disappear from the Web sites. The experience gained confirmed the need for a conference authority table that will allow unique identification and verification of conferences, harmonization of data gathered from different sources, support to follow-up on missing conferences, workflow control and coverage check. This tool would be available online to INIS Members for online input and to submit new conferences as they are identified. It would also be available to INIS users as a guide to current and future conferences. The INIS Secretariat has started initial work on this tool (e.g. system requirements) and expects to complete the tool by the end of 2004.

E.2.3 Timeliness of Input

The following table gives an overview of the average time lag⁸ (in months) for the total database input in the past five volumes by type of literature.

Table 6 Average Time Lag for Database Input, 1999–2003

Type of record	Vol.30 (1999)	Vol.31 (2000)	Vol. 32 (2001)	Vol. 33 (2002)	Vol. 34 (2003)
Journal	8	11	13	13	19
Book	21	15	12	15	25
Report	14	14	15	20	20
Miscellaneous	18	17	17	20	16
All records⁹	13	13	14	16	19

E.2.4 Consistency

The Section continued to perform automated checks of the indexing consistency of Members' input to identify records that require manual verification. The indexing of 28.528 such records was reviewed and, when necessary, corrected by the subject specialists of the Subject Control Unit.

E.2.5 Quality Check of Subject Analysis and Bibliographic Description

In 2003, the Bibliographic Control Unit continued to provide assistance to those Centres who encountered difficulty in preparation and submission of input records, as well as the associated full text.

The subject specialists also continued to check the database input to identify out-of-scope records. As a result, 88 records were removed from the database and notification letters were sent to the INIS Centres who submitted them.

E.2.6 Bibliometric Studies and topical CD-ROMs prepared by the INIS Secretariat

Bibliometric studies have been carried out by the Subject Control Unit since late 2000. Completed studies are published on CD-ROMs and can be found on the INIS *Annotated Web Directory*. CD-ROMs are also produced on particular topics and contain references and the full text available from INIS:

- Isotope Applications in Hydrology, March 2003
- Reduced Enrichment for Research and Test Reactors (RERTR), March 2003
- Security of Radioactive Sources, March 2003
- Human Performance & training of NPP Personnel. March 2003
- Isotopic and Nuclear Analytical Techniques for Health and Environment, June 2003
- Safety of Transport of Radioactive Materials, June 2003

⁸ Time lag = date of inclusion in the database – publication date (in months).

⁹ Includes 99% of total input.

- Innovative Technologies for Nuclear Power, June 2003
- Radiation Monitoring and Environmental Impact assessment at Work Place and Nuclear Facilities, August 2003
- Seismic evaluation of Existing NPPs, August 2003
- Gene-based Technologies for Improving Animal Production and Health, October 2003
- Research reactor records in the INIS Database — A bibliometric study, RRFM 2003, Transactions 2003
- Environmental Protection Against Ionizing Radiation, October 2003

F. Output Products and Services

F.1 INIS Web Site and INIS Members' Area

The INIS Web site continues to be updated and maintained. The INIS Members' Area has been continuously updated with information relevant to the INIS Members, including INIS mass correspondence to the ILOs, meetings documents; as well as all INIS Manuals. As recommended by the ILOs, the INIS Secretariat sends e-mail notification of any changes or additions to the Members' Area. Usage statistics indicate that this area is frequently accessed by the ILOs¹⁰.

F.1.1 INIS Web Services

The INIS Web Services site, a directory to nuclear related resources on the Internet, continued to be maintained and updated on a monthly basis. In December 2003, it contained a total of 2543 entries.

F.2 INIS Database on the Internet

The Database continued to be accepted very positively worldwide with a large number of new users registered. Significant efforts have been invested by the INIS Secretariat to encourage ILOs and universities to register for complimentary access to the INIS Database. As a result, at the end of 2003, a total of 176 universities in 41 Member States were provided with access (an increase of 85% over 2002) and an additional 138 universities were contacted to finalize the registration process.

At the end of 2003, there were a total of 331 subscribers in 109 Member States, an increase of 37% over 2002. The total number of authorised users climbed to 586,502 (110% more than 2002) with 2,504 individual registrations. Free access continued to be offered to the staff of the Permanent Missions of Member States to the IAEA and staff of the VIC organizations.

The Database continued to be updated weekly. the possibility to select all references displayed on the screen (i.e. 20 references) and up to a maximum of a total of 100 references has been introduced as an enhancement in 2003.

The INIS Secretariat continued to send usage statistics to the Liaison Officers and subscribers, based on their requests.

During the course of 2003 and until the time of writing there have been 21 temporary free registrations issued and provided for different conferences and training events.

F.2.1 Retrospective enlargement of the INIS Database

Further to a recommendation of the INIS Liaison Officers, the INIS Secretariat discussed with the US Liaison Officer access to the Nuclear Science Abstracts (NSA) and made arrangement to provide a hyperlink to the Energy Citation Database. The INIS Secretariat hopes to add significant value to this service in the future in co-operation with the US Liaison Officer.

¹⁰ The INIS Secretariat analysed 20 months worth of log files from the INIS Web site and INIS Member's Area.

Table 7 Free and Paid Subscriptions to the INIS Database on the Internet (as of Dec. 2003)

INIS Member	Paid		Free	
	Subscr.	Users	Subscr.	Users
Countries LICENSED for Free Access				
Algeria				
Argentina	1 site		1	300
Armenia			2	
Australia	2 site	13	200	
Austria			30	
Azerbaijan			1	
Bangladesh			1	
Belarus			3	
Belgium			150	
Brazil			1,582	
Bulgaria	1 site	42	60	
Canada	1 single, 2 site	5,751	3,000	
Chile			80	
China			7	
Colombia			20	
Costa Rica			1	
Croatia			10	
Cuba			5	
Cyprus			2	
Czech Republic	1 single, 1 site	89	3	
Denmark			50	
Ecuador			2	
Egypt			7	
Estonia			1	
Ethiopia			3	
Finland	1 site		1	50
France	2 single, 1 site	1,300	1,500	
Georgia			1	
Germany			2	
Ghana			1	
Greece			1	
Guatemala			1	
Hungary			1	
India			1,000	
Indonesia			3	
Iran			30	
Ireland			15	
Israel			30	
Countries NOT LICENSED for Free Access				
Italy			20	
Japan			1,000	
Kazakhstan			3	
Kenya			2	
Korea, Republic of	1 single	1	2,000	
Kuwait			1	
Latvia			3	
Lebanon			1	
Libyan Arab Jamahiriya			1	
Lithuania			1	
Malaysia			1	
Mexico			150	
Mongolia			1	
Morocco			2	
Netherlands			2	
New Zealand			3	
Nicaragua			1	
Niger			1	
Nigeria			1	
Norway	1 site	100	10	
Pakistan			6	
Paraguay			1	
Peru			1	
Philippines			55	
Poland			5	
Portugal			255	
Qatar			1	
Rep. of Moldova			1	
Romania			10	
Russia			3	
Saudi Arabia			5	
Senegal			1	
Serbia and Montenegro			1	
Singapore			30,000	
Slovakia	1 site	16	1	
Slovenia			1	
South Africa			60	
Spain	1 single	1	500	
Sudan			4	
INIS Member				
	Subscr.	Users	Subscr.	Users
Sweden		33		4
Switzerland	1 site	8		300
Syrian Arab Republic	1 site			4
Thailand				1
The FYR Macedonia				1
Tunisia		3,500		18
Turkey	1 site			1
Ukraine				3
United Arab Emirates				1
United Rep. of Tanzania				20
United States of America	1 single	1	29,150	
Uruguay				1
Uzbekistan				1
Venezuela				17
Vietnam				1
Zambia				1
Countries NOT LICENSED for Free Access				
Albania				
Bolivia				
Cameroon				
Dem. Rep. Congo				
El Salvador				
Ghana				
Iraq (not currently applicable)				
Jordan				
Madagascar				
Mali				
Myanmar				
Panama				
Sri Lanka				
Tajikistan				
Uganda				
United Kingdom	1 single, 2 site	100		
Yemen				
Totals in Member States	9 single, 16 site	10,957	71,794	

INIS Member	Paid		Free	
	Subscr.	Users	Subscr.	Users
Int'l Organizations LICENSED for Free Access				
AAEA (Tunisia)				4
CERN (Switzerland)				1,500
CTBTO (Austria) ¹¹	n/a	n/a		
EC (Luxembourg)				200
FAO (Italy)				1
IAEA (Austria)	n/a	n/a		n/a
ICRP (UK)				1
IASA (Austria)				2
IINR (Russia)				3,000
OECD/NEA (France)				10
UNIDO (Austria)	n/a	n/a		n/a
UNSCEAR (Austria)	n/a	n/a		n/a
WHO (Switzerland)				2,000
WMO (Switzerland)				4
Int'l Org. NOT LICENSED for Free Access				
ICSTI (Russia)				
ISO (Switzerland)				
OAU (Ethiopia)				
WEC (Austria)				
WONUC (France)				
Totals in int'l organizations	0 single, 0 site	0	6,722	
TOTALS IN INIS MEMBERS	25	10,957	78,516	

¹¹ INIS Members located at the Vienna International Centre (VIC) have free access to the Database without registration.

Table 8 INIS Database on the Internet at the IAEA — Usage Statistics as at 31 December 2003

Country	Total # of requests	Country	Total # of requests	Country	Total # of requests
AAEA	149	Greece	105	Philippines	12
Argentina	11463	Hungary	1002	Poland	970
Australia	4837	India	3799	Portugal	191
Austria	1025	IAEA External ¹²	22292	Romania	2004
Belgium	1629	ICRP	417	Russian Federation	4452
Brazil	21288	IIASA	98	Saudi Arabia	1291
Bulgaria	2981	Iran, Islamic Republic of	322	Serbia and Montenegro	16
Canada	11415	Ireland	131	Singapore	188
Chile	4832	Israel	2729	Slovakia	1790
China	1309	Italy	100	Slovenia	539
Colombia	275	Japan	6783	South Africa	6619
CTBTO	27	JINR	5755	Spain	230
Costa Rica	235	Jordan	4	Sweden	3747
Croatia	995	Kazakhstan	32	Switzerland	2045
Cuba	101	Korea, Republic of	583	Syrian Arab Republic	436
Czech Republic	16723	Latvia	208	Thailand	34
Denmark	529	Lebanon	28	TFYR Macedonia	661
Ecuador	16	Lithuania	298	Tunisia	168
Egypt	12256	Malaysia	56	Turkey	4922
Estonia	1435	Mexico	963	Ukraine	2
European Commission	1232	Morocco	10	UK	3276
CERN	1009	Netherlands	352	UN	9
Finland	2735	New Zealand	372	USA	13013
FAO	3	Norway	3508	Uruguay	1374
France	10322	NEA	261	Uzbekistan	16
Georgia	107	Pakistan	47	External Users	207498
Germany	13	Peru	297	Internal Users	149394
				Total Users	356892

Table 9 INIS Database on the Internet — Complimentary Access for Universities and Academic Institutes (end 2003)

Country	Requests processed	Requests fulfilled	Requests in progress	Country	Requests processed	Requests fulfilled	Requests in progress
Argentina	13	13		Mexico	8	2	6
Australia	12	12		Morocco	10	4	6
Austria	11	3	8	Netherlands	18	4	14
Bulgaria	4	4		Peru	2		2
Canada	4	1	3	Philippines	2	2	
China, People's Rep. of	4		4	Poland	16	13	3
Colombia	5	1	4	Portugal	1	1	
Croatia	12	9	3	Romania	7	6	1
Czech Republic	3	3		Russian Federation	10	5	5
Ecuador	3	3		Serbia and Montenegro	2	1	1
Egypt	6	3	3	Slovakia	1	1	
El Salvador	1		1	Slovenia	10	7	3
Estonia	2	2		Sweden	4	3	1
Finland	1	1		Switzerland	1		1
France	10	2	8	Syrian Arab Republic	2	2	
Hungary	6	4	2	TFYR Macedonia	5	4	1
India	12	7	5	Thailand	6	3	3
Indonesia	2		2	Turkey	8		8
Iran, Islamic Rep. Of	2		2	Ukraine	4	2	2
Ireland	5	4	1	United Arab Emirates	1		1
Israel	6	4	2	United Kingdom	5	4	1
Italy	8	2	6	United States of America	7	3	4
Japan	34	22	12	Uruguay	2	2	
Kazakhstan	4		4	Uzbekistan	4	3	1
Kenya	1		1	Vietnam	1		1
Lebanon	2	2		Zambia	2		2
Lithuania	2	2		TOTAL:	314	176	138

¹² Includes staff members of the international organizations co-operating with INIS located at the Vienna International Centre, as well as INIS test and demo registrations provided for conferences and training seminars.

F.3 INIS Database on CD-ROM

The INIS Secretariat has reached an agreement with Ovid/SilverPlatter for the production of the INIS Database on a monthly instead of quarterly basis, for a small increase in the total cost. The first monthly CD-ROM was distributed in January 2004 for all subscribers. The product consists of a set of nine archival CD-ROMs covering the period 1970-2003 and one current CD-ROM.

F.3.1 Free Subscriptions

At the end of 2003, 94 Member States and 8 International Organizations received each two free subscriptions, and 51 IAEA staff members received one copy of the INIS Database on CD-ROM.

F.3.2 Paid Subscriptions

At the end of 2003, there were 133 paid subscriptions from 27 INIS Member States. The procedure for the production and sale of the INIS Database on CD-ROM was introduced in January 1997:

- Option 1: The ILO decided to take full responsibility for the distribution and sale of the product within their countries;
- Option 2: The ILO decided to delegate the responsibility for the distribution and sale of the product to a designated agent;
- Option 3: The ILO decided to delegate the responsibility for the distribution and sale of the product to the INIS Secretariat.

Table 10 INIS Database on CD-ROM Sale Option

Option	Number of countries	Price
Option 1	9	basic
	30	+ 15%
	1	+ 10%
	1	+ more than 15%
	0	+ 25%
	1	+ 30%
	10	n/a ¹³
Sub-Total:	52	
Option 2	1	basic
	1	+ 15%
	5	+ 20%
	1	+ 30%
Sub-Total:	8	
Option 3	39	basic
No option ¹⁴	2	---
TOTAL:	101	

Table 11 INIS Database on CD-ROM Paid Subscriptions, December 2003

Countries/Organizations	No. of subscriptions	Countries/Organizations	No. of subscriptions
Argentina	4	Norway	2
Australia	3	Pakistan	3
Austria	1	Qatar	1
Belgium	1	Russian Federation	9
Canada	5	Slovak Republic	1
China	16	Slovenia	2
Czech Republic	10	Spain	1
Finland	1	Sweden	7
France	10	Switzerland	7
Hungary	4	Turkey	1
India	9	Ukraine	1
Italy	1	United Kingdom	8
Japan	19	United States	3
Netherlands	3	Total ¹⁵	133

¹³ Pricing information is not available.

¹⁴ Two international organizations indicated that no sales were expected.

¹⁵ Developed Member States represent more than 63% of all subscriptions.

F.4 INIS Atomindex Files via the IAEA FTP Server and on CD-ROM

During 2003, 118 INIS Liaison Officers received weekly notifications via e-mail of the availability of new INIS Atomindex files in the standard ISO-2709 format on the IAEA FTP Server. To reduce transfer time, all files are compressed using ZIP. Production of the CD-ROM, received by 16 ILOs in 2003, continued every two weeks. RESGEN¹⁶ software continues to be available on the IAEA FTP Server and is included on the CD-ROM.

Table 12 INIS Atomindex on CD-ROM Distribution, December 2003

Year	No.	Members
2001	19	Brazil, Canada, China, Czech Republic, Ecuador, France, Ghana, India, Israel, Japan, Korea Rep. of, Morocco, Mongolia, Netherlands, Pakistan, Russia, Sweden, Syrian Arab Rep., The Former Yugoslav Rep. of Macedonia
2002	17	Brazil, Canada, China, Czech Republic, Ecuador, France, India, Israel, Japan, Korea Rep. of, Morocco, Mongolia, Pakistan, Russia, Sweden, Syrian Arab Rep., The Former Yugoslav Rep. of Macedonia
2003	16	Brazil, China, Czech Republic, Ecuador, France, India, Israel, Japan, Korea Rep. of, Morocco, Mongolia, Pakistan, Russia, Sweden, Syrian Arab Rep., The Former Yugoslav Rep. of Macedonia

F.5 INIS Non-Conventional Literature

F.5.1 Ad-hoc orders

External distribution

Year	1998	1999	2000	2001	2002	2003
Reports supplied	882	701	492	513	568	874

In-house distribution

In 2003 INIS Clearinghouse converted into electronic form and supplied 493 documents to IAEA staff and meetings participants. All IAEA staff can access to all NCL electronic documents directly from the INIS NCL Server.

F.5.2 Yearly subscriptions to INIS NCL on CD-ROM

Year	1998	1999	2000	2001	2002	2003
Orders	31 free 11 paid	42 free 11 paid	44 free 7 paid	49 free 8 paid	53 free 8 paid	56 free 8 paid

INIS continued to provide the Physics Library of Vienna with one cost free set of NCL on CD-ROM.

F.5.3 Prices

In 2003, prices for NCL on CD-ROM were:

- NCL on CD-ROM: Euro 40 per CD for full collection and Euro 50.00 for single CD-ROM.
- Ad-hoc orders: Euro 7 per report and Euro 3.50 per report for developing countries.

F.5.4 Cost recovery in US\$

Year	1998	1999	2000	2001	2002	2003	Total
CD-ROM	16,480	22,000	13,521	9,840	7,680	13,795	106,196
AD-HOC	4,758	3,430	2,350	2,393	3,060	3,404	25,152
Other	4,260	59	5,286	5,293	12,121.50	-	31,795
Grand Total 1997–2003							163,143

F.6 Clearinghouse Imaging

In 2003, the INIS Clearinghouse processed 13,298 NCL documents and produced 31 CD-ROMs (a 13% increase over 2002). There has been a large increase in the number of documents submitted in Acrobat (PDF) format.

Replacement of the *INISIS* imaging system has led to a marked improvement in the production cycle, which is now fully synchronized with the bibliographic database production. All documents are now output in PDF

¹⁶ RESGEN, a PC software tool donated by the ILO of the Czech Republic in 1997, is designed to perform SDI search and retrieval from INIS Atomindex files. Although RESGEN's commands are in Czech, they are explained on page 4 of the English manual supplied with the software.

and those in Western European, Cyrillic and Slavic scripts are OCRed.

F.7 Microfiche imaging

The INIS Clearinghouse has continued imaging the INIS NCL microfiche archive on the basis of the procedures established in 2002. The digitisation of INIS NCL volume 27 (over 13,000 documents) was completed. In addition, 493 documents were digitised for the IAEA staff and over 400 documents for the Fast Reactor project. In total over 26,000 NCL documents on microfiche were converted into electronic form.

F.8 Topical subsets of INIS Information Resources (New Product)

The INIS Secretariat produced and distributed two comprehensive topical subsets from the INIS Database and the INIS NCL collection and conventional literature:

- Human Performance & Training of Nuclear Power Plant Personnel
- Engineering and Management Support for Competitive Nuclear Power

The products were made available at the IAEA General Conference in 2003, and were well received by end users and the ILOs.

F.9 Knowledge Management and collaboration with other IAEA sections

The following data bases and web sites were maintained in collaboration with NPTDS:

- Technology Advances in Fast Reactors and Accelerator Driven Systems Technology Development <http://www.iaea.org/inis/aws/fnss/>
- High Temperature Gas-cooled Reactor Knowledge Base <http://www.iaea.org/inis/aws/htgr/>
- Fast Reactor Database <http://www-frdb.iaea.org/index.html>
- Accelerator Driven Systems Database <http://www-adsdb.iaea.org/index.cfm>

The web site reflecting the Agency's activities in nuclear knowledge management was maintained at <http://www.iaea.org/km/>.

An initiative to preserve the technical documentation about the now decommissioned KNK-II test reactor in Germany was initiated together with NPTDS, INIS SCU, and INIS CLH and is advancing steadily.

Extensive preparations for the Agency's planned Nuclear Knowledge Portal took place. In particular, work notes and discussion paper were prepared and discussed.

The new 'Find-an-Expert' data base, which is a first functional component of the Nuclear Knowledge Portal, was launched in December at <http://www-fae.iaea.org/>. By searching recent records of the INIS Bibliographic Database for authors in the nuclear field, users can identify experts who are presently active in a given subject domain.

G. Promotion, Information and Other Services

G.1 Promotion and Information

The INIS Secretariat continued the production of different promotional materials for use at training events, exhibitions, seminars and conferences, and for the use by the INIS Liaison Officers for their own promotional activities and ad-hoc distribution. New promotional materials in 2003 includes the following:

Printed materials

- INIS Notepad — new design;
- INIS Annual Report 2002;

On CD-ROM

- "How to search INIS DB" — an INIS Distance Learning Program module with soundtrack;
- A series of promotional CD-ROM containing selected records from the INIS Database and the corresponding INIS NCL was produced and distributed to the participants of 7 conferences held in Vienna in 2003.

The INIS Secretariat continued its activities to assist ILOs in their promotion of the System within their

national boundaries. One of the activities in 2003 was the identification of selected meetings in 64 Member States in order to send materials to ILOs and thus facilitate their task of promoting INIS at these meetings. A letter was sent to all ILOs for this purpose.

In 2003, the INIS Secretariat assisted 52 Member States in promoting the System and fulfilled 107 requests for promotional packages. Existing promotional materials were re-printed in 2003 to fulfil the demand from the Member countries:

- Presenting INIS — English version, 2001
- Leaflet on INIS Database on the Internet
- Leaflet – on INIS Database on Internet, CD-ROM and NCL
- INIS folders
- INIS Mouse pad

The INIS Secretariat participated at the Agency's Insight Series, addressed to Agency's staff, and made INIS sessions/presentations describing INIS Information Resources and the INIS services available to the staff.

Updates on INIS related information were sent to the publishers of various database directories, i.e. Yearbook of International Organization, Books and Periodicals Online, SAGE Publications.

G.1.1 Strategy to attract traffic to INIS Web Site

During 2003, the INIS Secretariat contacted more than 1000 web sites encouraging them to link to the INIS Web site. There were two main objectives: the first was to get direct visits from sites where the link appears; and the second, but most important, was to target search engines, since they are one of the primary ways for users to find new web sites and reciprocal linking is an effective way to get better ranking in search engines results. Many positive replies have been received from the web sites that were contacted.

G.1.2 INIS Promotional Activity at Selected In-House IAEA Meetings

INIS promotional materials were distributed to more than 1440 participants in 63 small meetings, which took place in VIC premises, including Advisory Groups, Research Co-ordination Meeting and Technical Committee Meetings. INIS materials were also distributed to 2360 participants in 7 major conferences and symposia held in Vienna.

G.1.3 Activities for the 47th IAEA General Conference

Significant efforts have been put for this event as usual. INIS participated with a stand, which was manned for the whole week of the General Conference. The stand included all the INIS promotional materials in addition to the newly produced materials. The INIS Secretariat organized one session "INIS Briefing" to raise the awareness of decision makers about INIS and its benefits to their countries. The event was announced in the daily GC Journal and in posters at the INIS stand. The briefing was well received by many delegates. The new topical INIS subsets were made available to the participants.

G.1.4 INIS Output Products and Services

The Centre Services Unit of the INIS Section receives and responds to a steady flow of e-mail, faxes and other communications from Member (and non-Member) States requesting information on INIS and its output products and services.

G.2 INIS Secretariat's Email Addresses

The INIS Secretariat maintains a number of common email addresses for the convenience of the INIS community. They are as follows:

INIS@iaea.org	General enquiries
INIS.Input@iaea.org	INIS input files
INIS.CentreServicesUnit@iaea.org	Enquiries on INIS output products and services
CHOUSE@iaea.org	Enquiries on INIS NCL microfiche and CD-ROM and related topics

G.3 INIS Electronic Information Exchange

The INIS Secretariat continues to make available from the IAEA FTP Server the latest updates of INIS Atomindex and software related to INIS activities. The latest INIS Atomindex file is loaded on the server at a weekly frequency; the double (merged) files are loaded every two weeks. Those Liaison Officers who have

given the Secretariat their email addresses are informed by email on the availability of each new file.

The Liaison Officers may also transfer their input files directly to the subdirectory for INIS input on the server (in which case, an e-mail informing of the new file and providing information about it should be sent to the Secretariat at the same time).

H. OECD/NEA Data Bank's Computer Program Service to Non-OECD Members Through IAEA

H.1 Introduction

As part of the co-operative arrangement between IAEA and OECD/NEA, the NEA provides its computer programs to IAEA Member States that are not Members of OECD. The liaison function between OECD/NEA, IAEA and Member States is vested in the INIS Secretariat.

The agreement takes the following forms: assisting new organisations to participate in the Computer Program Service; publicising OECD/NEA benchmarks, conferences and seminars to these and other organisations; nominating their scientists to attend and channelling the participation forms to OECD/NEA. Based at Issy-les-Moulineaux (France), the Computer Program Service serves scientific users authorised by Member States and belonging to over 500 organisations: national laboratories, universities and safety authorities.

NEA Data Bank services are financed by contributions from the Data Bank's Member States, and no direct service charge is made to users. In general 10–20 % of the total activity is with non-OECD countries.

H.2 Acquisition of New Programs

In 2003, 31 computer programs out of a total of 107 were received from non-OECD Members. This is substantial increase comparing to the year 2002 when 9 programs had been received out of 107. The contributing countries are shown in the table below.

Table 13 Non-OECD Members Contributing Computer Programs in 2003

Contributor (non-OECD Member)	Number of programs
India	1
Pakistan	1
Russian Federation	3
Serbia-Montenegro	1
Slovenia	1
Syrian Arab Republic	1
IAEA	23
Total	31

H.3 Distribution

In all, 812 packages out of a total of 4441 were distributed to 23 non-OECD Member States and IAEA, which is slightly less (-11 %) than the 2002 year figures of 913 packages out of 4664. As mentioned in the last year report the larger number of distributions in 2002 was partly due to the Workshop on Nuclear Reaction Data and Nuclear Reactors: Physics, Design and Safety organized every two years by the Nuclear Data Section of the IAEA and the International Centre for Theoretical Physics (ICTP).

Table 14 Computer Programs Dispatched to Non-OECD Members in 2003

Requester (non-OECD Member)	Number of programs
Algeria	11
Argentina	89
Brazil	15
Bulgaria	56
Chile	1
Croatia	1
Egypt	4
India	51
Iran Islamic Republic	7
Israel	1
Libya	6
Malaysia	5

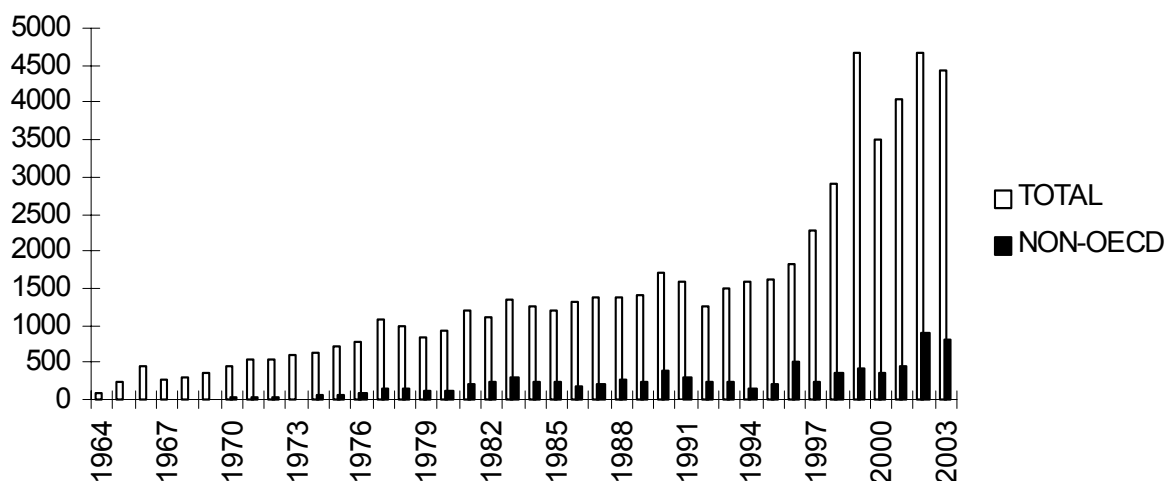
Requester (non-OECD Member)	Number of programs
Morocco	2
P.R. of China	25
Pakistan	9
Poland	23
Romania	23
Russian Federation	305
Serbia-Montenegro	1
Slovenia	4
South Africa	33
Syrian Arab Republic	6
Ukraine	2
IAEA	132
Total	812

The number of programs distributed originating in non-OECD Members during 2003 was 205, representing a decrease comparing to the 706 programs distributed in the year 2002. Details are shown in the table below.

Table 15 Computer Programs Originating in Non-OECD Members Distributed in 2003

Originator (non-OECD Member)	Number of Programs
Algeria	7
Argentina	8
Belarus	2
Brazil	1
Chile	1
Cuba	1
Ex East Germany	7
India	2
Iran	3
Israel	4
Lithuania	4
Myanmar (Burma)	3
P.R. of China	4
Pakistan	13
Poland	1
Romania	8
Russian Federation	22
Serbia-Montenegro	5
Slovenia	34
South Africa	3
Syrian Arab Republic	4
IAEA	68
Total	205

Figure 11 Evolution of Program Distribution Over Time



I. Capacity Building: Technical Cooperation and Training

The INIS Secretariat continued to cooperate with the Department of Technical Co-operation to assist some INIS Member States. Two national INIS projects have been under implementation, and several fellowship requests and scientific visits were evaluated and host countries were identified. Two new Member States joined INIS, Mauritius and United Republic of Tanzania, as a result of cooperation with TC in 2002.

I.1 Fellowships and Scientific Visits

During 2003, seven applications for scientific visits and fellowship were evaluated and reviewed. Two scientific visits occurred in 2003:

Date	Individual and Member State
13-24 January	Zhidi, Mr Qi, People's Republic of China
3-4 April	Garibov, Mr Adil, Azerbaijan

Eleven (11) individuals representing nine (9) countries had introductory visits to the INIS Section.

I.2 IAEA Technical Co-operation Projects

The implementation of the two INIS national projects (one for Azerbaijan and one for Tajikistan) started early 2003 and will continue through 2004.

National Project	Project No.	Activity	Status
Azerbaijan	AZB/0/002	Establishment of INIS Centre	active
Tajikistan	TAD/0/002	Establishment of INIS Centre	active

I.3 Distance Learning

The INIS Distance Learning Program (INIS DLP) contains three courses: 'Bibliographic Description' and 'Subject Analysis' which give comprehensive instructions about input preparation for INIS and one course module on how to search the INIS Bibliographic Database. The former two courses are available from the INISDLP web site <http://www.iaea.org/inis/marea/inisdpl/default.htm>, after registration with the Secretariat. The third module is freely available at <http://www.iaea.org/inis/dlp/inisqu/main.html>.

At the end of 2003, 72 users from 40 countries and one international organization were registered. The course modules on subject analysis and on how to search the database were updated in 2003. The courses can also be downloaded from the site and used off-line in centres with limited Internet access. Additionally, the Secretariat provides the courses on CD-ROM for off-line use, on request. At the end of December 2003, there were 612 copies of the course on database utilization dispatched to 46 INIS Member States. Ten copies of the course modules on input preparation were provided as requested by 6 INIS Member States.

I.4 IAEA Staff Training

The INIS Secretariat continued its series of training sessions for IAEA staff members in 2003. During the half-day hands-on training sessions information on how to use the INIS Database on CD-ROM and the Internet as well as on how to obtain the full texts of non-conventional literature is presented. 26 staff members received training in 5 training events throughout the year.

I.5 INIS Training Seminar 2003

The INIS Secretariat organized the INIS Training Seminar at the VIC from 2-6 June 2003, Vienna. 28 participants from 28 INIS Members attended the Seminar. The Seminar provided advanced training and covered all aspects of INIS activities.

I.6 National INIS and Knowledge Preservation Seminar in Egypt

In cooperation with the Atomic Energy Authority of Egypt, The INIS Secretariat conducted the National INIS and Knowledge Preservation Seminar in Cairo, Egypt in December. Over 50 participants attended the Seminar, which included presentations on INIS activities, benefits and products & services and on nuclear knowledge management and preservation and its role in developing countries and the international cooperation in nuclear education.

J. INIS Computer Support March 2003-March 2004

J.1 INIS Computer Support

The Computer Support Group has successfully supported all production systems and ensured the smooth operation of INIS during 2003.

J.2 Highlights

J.2.1 Input

- Implemented new utilities and converters to handle electronic input for journals.
- New simplified rules for WinFIBRE have been deployed.

J.2.2 Records and full-text processing

- New INIS processing system is in place and running in parallel with old system. Records are stored and updated in new repository in XML format.
- The Jouve system has been phased out. The new imaging system has been integrated with the new data processing system and NCL CD-ROMs are now created through new system.
- Support to implementation of new CAI system is undergoing.

J.2.3 INIS Web Database

- Migration of INIS Web Database (BASIS) to new platform is taking place. Testing has started in April 2004.
- Modernization of INIS Web Database user interface is undergoing. Beta release for testing will be deployed by end of April 2004.

J.3 Issues

A new solution to replace INISIR software for browsing NCL CD-ROM collection needs to be developed soon.

Online access to NCL full text will be first activated for all documents submitted by countries that have not put any restriction. A solution to allow INIS Members to manage themselves full text access rules for their input needs to be developed.

The increase of system maintenance carried out by computer support staff and the inability to outsource some development tasks because of budget restriction for the year 2004 is delaying the planned modernization of INIS systems.

K. Actions on Recommendations of the Thirty First Consultative Meeting of the INIS Liaison Officers, Vienna, Austria, 31 March–2 April 2003

Agenda Item 3 — INIS Review of operations for 2002

1. **recommended** that the INIS Secretariat add an alert service to the Members Area of the INIS Web Site to inform INIS Members and users of changes and additions;

Action: This has been implemented.

2. **asked** the INIS Secretariat to make available on the Members Area of the INIS Web Site the Action Plan prepared in response to the INIS Programme Evaluation once it is approved by the Director General of the IAEA;
3. **urged** INIS Members to pay special attention to scientific and technical documents on radiation protection and contamination, both in conventional and non-conventional literature, and to ensure their complete coverage in INIS;
4. **acknowledge** and **appreciated** the work done by the Subject Control Unit during 2002 in recovering the backlog of electronic journal records, and **recommended** that the capacity of the Unit be strengthened;
5. **congratulated** the INIS Secretariat on its work and achievements in 2002 and **approved** the INIS Review of Operations for 2002;
6. **asked** the INIS Secretariat to inform Members, in an appropriate way, on the INIS programme and budget proposal for 2004-2005 when it is formally approved;

Agenda Item 4 — Information Items

Agenda Item 4.1 Acquisition of electronic records and voluntary input

7. **acknowledged** and **appreciated** the efforts of the INIS Secretariat and the Members who contributed voluntary input during 2002, and **urged** all Members to participate in this task;

Action: See report on INIS Members participation in this task

Agenda Item 4.2 INIS NCL full text online access implementation (TN 166)

8. **acknowledged** and **supported** the continuing effort of the INIS Secretariat to make available online the full text of the NCL documents, when authorisation to do so has been confirmed by the Members who supplied the documents;
9. **agreed** to send to the INIS Secretariat, if they haven't yet done so, information on the availability and access conditions for the document supplied by their Centre;

Action: A few more ILOs have sent information on access conditions. Work is progressing to connect the full text NCL to the INIS Database on the Internet. Access should be possible in time for this meeting.

Agenda Item 4.3 CD-ROM Product Development

10. **congratulated** the INIS Secretariat for the successful completion of negotiations to produce the INIS Database on CD-ROM on a monthly basis;

Action: The distribution of the monthly updates started in January 2004 as originally planned.

Agenda Item 4.4 Computer-Assisted Indexing

11. **supported** the continuing work on the acquisition of a computer-assisted indexing system, and **asked** the INIS Secretariat to keep Members informed on developments;

Action: On the basis of the working papers of the CAI-subgroup the INIS Secretariat has worked out the Processes Descriptions (Users, Roles, Responsibilities; Main process; Events and Main Use Cases), the Workflow Description and the Products Comparison, which have been presented at the JTC meeting in October 2003. These documents, together with the functionality concept, formed the basis for a request for quotations sent by the Agency's Procurement and Supply Section¹⁷ to three short-listed software suppliers: Data Harmony, Convera and RecomMind. The evaluation of the quotations resulted in the decision to choose the Convera software for Computer Assisted Indexing, which is going to be customized and installed in the first half of 2004.

Agenda Item 4.5 INIS Systems Developments

12. **commended** the INIS Secretariat for the progress so far and **strongly supported** the redevelopment of the INIS systems;

Action: The new INIS processing system is in place and running in parallel with the old system. Records are stored and updated in new repository in XML format. The INISIS imaging system has been completely phased out and replaced with a new system integrated with the new data processing system. All NCL CD-ROMs are now created through the new system. Implementation of a new CAI system is progressing. It should be operational

¹⁷ As IAEA procurement rules forbid the INIS Secretariat from dealing directly with suppliers, all negotiations are handled by the Procurement and Supply Section. The INIS Secretariat's role is limited to the technical evaluation of the bids.

before the end of July 2004. The increase of system maintenance carried out by computer support staff and the inability to outsource some development tasks because of budget restrictions for the year 2004 is delaying the planned modernization of the INIS systems.

Agenda Item 4.6 Thesaurus maintenance and translation

13. **congratulated** the INIS Secretariat and the INIS Members working on the translations of the Joint Thesaurus, and **supported** the decision of the INIS Secretariat to give priority to the six official UN languages;

Action: Translation is proceeding. Publication of a new version of the language dictionaries is planned for late 2005 once the Chinese version is completed.

Agenda Item 4.7 INIS Consortium for Online Access to IOPP Journals

14. **acknowledged** the co-ordinating work of the INIS Secretariat in obtaining a consortium offer from the IOPP, and **asked** the INIS Secretariat to consider its results as a basis for decision upon similar agreements with other publishers;

Agenda Item 5 — Discussion Items

Agenda Item 5.1 INIS NCL— Direct Access to Full Text: Status, Developments and Consequences

Agenda Item 5.2 Computer-Assisted Indexing and Taxonomies

15. **agreed** that the implementation of a computer-assisted indexing system may benefit from the development of a taxonomy;
16. **asked** the INIS Secretariat to start work on such development with existing Members of the Sub-group on Computer-assisted Indexing and raise this issue at the next Joint Technical Meeting; and **recommended** that INIS Members be consulted on their support for the utilisation of such a taxonomy via a Technical Note;

Action: According to the recommendations of the INIS LO meeting the CAI Sub-Group of the JTC was transformed into a Taxonomy Sub-Group of the JTC. The subgroup is reporting to the Joint Technical Committee (JTC), who will then submit any proposal to ETDE and INIS for implementation.

Agenda Item 5.3 INIS contribution to the Agency's Nuclear Knowledge Programme

17. **supported** the creation of a directory of INIS knowledge experts to assist Members in co-ordinating knowledge preservation activities in Member States;
18. **agreed** to participate in an official survey by the IAEA in order to prepare an inventory of nuclear knowledge activities in Member States. This survey will provide the Agency with information on Member States activities in nuclear knowledge maintenance and preservation;

Agenda Item 5.4 Acquisition policy for core journals

19. **fully supported** the INIS Secretariat in its effort to recover the backlog and ensure a sustained coverage of core journals literature through the acquisition of electronic records from publishers;
20. **urged** INIS Members to continue to assist the INIS Secretariat in this effort with their voluntary contributions to upgrade the electronic records;
21. **endorsed** the INIS Secretariat initiative to recover conference literature missing from the INIS System;
22. **asked** that the INIS Secretariat develop a questionnaire to send to all INIS Members to ascertain how conferences are covered in Member States or Organisations, and **requested** that the scope and selection rules for conferences be reviewed by the Joint Technical Committee to establish recovery priorities;

Action: Further to the ILO meeting, the analysis continued to define the scope of the conferences found, identifying publishers and contacting Liaison Officers for assistance and to distribute the workload. INIS Liaison Officers where conferences occurred were contacted as a result of the study, and a large number of missing conferences were input. The scope and selection rules for conferences was discussed at the Joint Technical Committee. It was agreed that conferences needed to be classified as 'core' or 'non-core', and that a conference authority was essential for the task. Work on this authority has started, and results should be available towards the end of 2004.

Agenda Item 5.5 Development of localised (multilingual) interfaces and documentation for INIS products

23. **requested** that the INIS Secretariat prepare a Technical Note outlining an approach to develop multilingual components for the INIS System;
24. **asked** the Secretariat to co-ordinate the efforts of INIS Members to develop the various languages versions to these components;
25. **agreed** that representatives of Member States representing all six UN official languages (Arabic, Chinese, English, French, Russian and Spanish) join a newly formed workgroup to be convened by the INIS Secretariat in support of these activities. Membership will be open to all Members;
The Members from Argentina, Chile, China, Egypt, France, Lebanon and the Russian Federation already agreed to join the workgroup;

Action: The INIS Secretariat is currently translating the License Agreement for the INIS Database on the Internet in all six official UN languages. The redesign of the user interface to the INIS Database on the Internet has been done to allow the incorporation of more than one language version. Action on a multilingual working group will follow the upcoming Saclay Conference.

Agenda Item 5.6 Retrospective enlargement of the INIS Database

26. **welcomed** and **supported** the proposal to provide INIS users with access to the valuable information contained in the Nuclear Sciences Abstract (USA), the Referativnyj Zhurnal (Russian Federation), and other national historical information systems;
27. **urged** the INIS Secretariat to provide as soon as possible hyperlinks to the NSA Database hosted by OSTI; **welcomed** the offer from the US Member to send a proposal on how to access or integrate their information with INIS, and **asked** the Russian Member to send a similar proposal, in order to understand the level of effort required for such an enlargement;

Action: The INIS Secretariat provided hyperlinks through the INIS Members' Area to the NSA Database. Also made contacts with the ILO of the USA and received an offer to prepare a filtered link to the NSA Database. The INIS Secretariat is awaiting funding for this project .

Agenda Item 5.7 US experiences with harvesting and distributed searching technologies

28. **appreciated** the presentation from the US Member on their experience on harvesting and distributed search technologies;
29. **asked** the INIS Secretariat to work with the US Member and other partners to further explore the use of these technologies for a Nuclear Knowledge Portal;

Agenda Item 5.8 INIS Membership Arrangements

30. **recommended** the creation of an Ad-hoc Consultative Group on the Modernization of the INIS Membership Arrangements;
31. **requested** that the INIS Secretariat prepare terms of references and work with the Group to prepare a proposal to modernize the INIS Membership Arrangements to be discussed with and formally approved by INIS Members (see also recommendation 30);

Action: The INIS Secretariat has initiated a process to revise these Arrangements. The process includes the following tasks: (1) Preparation of a list of change proposals for review by an Expert Group, completed in December 2003; (2) Consultancy Meeting to Develop New Membership Arrangements, which took place on 5-7 April 2004 with the participation of representatives from Argentina, France, Germany, India, Japan, the Russian Federation, the Slovak Republic and the USA. The Consultancy has reviewed the existing materials and elaborated a draft proposal for new arrangements with the suggested title of INIS Membership Agreement. This draft is to be formally circulated to all INIS Members and to IAEA stakeholders for their official feedback and comments on the principal structures or special concerns. (3) Once the draft has been circulated, an Advisory Committee for INIS or a representative group of INIS Liaison Officers will review the draft and the stakeholders' feedback and prepare a final version of the new INIS Membership Agreement in all Agency languages.

Agenda Item 5.9 Hosting of the INIS Database on the Internet

32. **congratulated** the Member from the Republic of Korea on their successful project to host the INIS Database on the Internet;
33. **appreciated** the view of the INIS Secretariat who saw this activity within the context of other IAEA activities in knowledge preservation and information management;
34. **requested** that a policy on INIS Database access in different regions be addressed and incorporated into modernized INIS Membership Arrangements (see recommendation 27).

Action: See Actions on Agenda Item 5.8 above.