

### INSC Formed from INSG

- INSG formed in early 1980's with representatives from North America, Latin America, Europe and Far East
- No secretariat
- November, 1989, formed a committee to draft a set of Bylaws and Rules for INSC
- November 11, 1990, Bylaws adopted unanimously by the "charter members"

### INSC Charter Member Signatories

- From Europe:**
  - Jean van Dievoet, European Nuclear Society
  - Rafael Caro, European Nuclear Society
  - Peter Feuz, European Nuclear Society
- From the Far East:**
  - Chang-Kun Lee, Korean Nuclear Society
  - Masayoshi Shiba, Japan Society of Atomic Energy
- From Latin America:**
  - Carlos Velez, Sociedad Nuclear Mexicana
  - Jorge Spitalnik, Latin American Section of ANS
- From North America:**
  - Mr. Jack Ohanian, American Nuclear Society
  - Gail de Planque, American Nuclear Society
  - Ken Talbot, Canadian Nuclear Society
- At-large Members:**
  - John Harries, Australian Nuclear Society
  - Y.Y. Hsu, Nuclear Energy Society, Taipei, China

**INTERNATIONAL NUCLEAR SOCIETIES COUNCIL**

Aiming at more continuity of their organization, the following members of the International Nuclear Societies Group (INSG) agree to transform the Group into the International Nuclear Societies Council (INSC) as specified herein.

NAME	ORGANIZATION	REGION	DATE
<i>J. van Dievoet</i>	<i>European Nuclear Society</i>	Europe	<i>Nov. 11, 1990</i>
<i>Rafael Caro</i>	<i>European Nuclear Society</i>	Europe	<i>Nov. 11, 1990</i>
<i>Peter Feuz</i>	<i>European Nuclear Society</i>	Europe	<i>Nov. 11, 1990</i>
<i>Chang-Kun Lee</i>	<i>Korean Nuclear Society</i>	Far East	<i>Nov. 11, 1990</i>
<i>Masayoshi Shiba</i>	<i>Japan Society of Atomic Energy</i>	Far East	<i>Nov. 11, 1990</i>
<i>Carlos Velez</i>	<i>Sociedad Nuclear Mexicana</i>	Latin America	<i>Nov. 11, 1990</i>
<i>Jorge Spitalnik</i>	<i>Latin American Section of ANS</i>	Latin America	<i>Nov. 11, 1990</i>
<i>Jack Ohanian</i>	<i>American Nuclear Society</i>	North America	<i>Nov. 11, 1990</i>
<i>Gail de Planque</i>	<i>American Nuclear Society</i>	North America	<i>Nov. 11, 1990</i>
<i>Ken Talbot</i>	<i>Canadian Nuclear Society</i>	North America	<i>Nov. 11, 1990</i>
<i>John Harries</i>	<i>Australian Nuclear Society</i>	At Large	<i>Nov. 11, 1990</i>
<i>Y.Y. Hsu</i>	<i>Nuclear Energy Society, Taipei, China</i>	At Large	<i>Nov. 11, 1990</i>
_____	_____	At Large	_____
_____	_____	At Large	_____
_____	_____	At Large	_____

The following national nuclear societies or regional federations of such societies hereby declare their interest in membership of the INSC as defined herein.

### INSC Bylaws Excerpts

- Purpose – foster ongoing cooperation, communication and exchange of information among the world's nuclear societies, undertake joint actions, and ensure joint representation where necessary
- Membership
  - 5 regions: North America, Latin America, Europe, Far East plus At-large
  - up to six representatives from each region
- Officers – Chairman, Vice-Chairman, Secretary/ Treasurer
  - from different regions with Chairman rotating among regions
- Chairman to appoint assistant from staff of his/her member Society [to serve as INSC Secretariat]

### First INSC Officers

- **Chairman:** Jean van Dievoet, ENS
- **Vice Chairman:** L Manning Muntzing, ANS
- **Secretary/Treasurer:** Jorge Spitalnik, Latin Am Sect of ANS

### INSC Bylaws Excerpts

- Not-for-profit organization
- Meet at least once per year
  - Norm has always been twice per year
  - Generally one at ANS national meeting and one at major international meeting
- Quorum defined as two-thirds of the Council present in person or by proxy
- Decisions by two-thirds majority vote (strive for consensus)
- Operating fund may be established by assessment of member Societies

### Bylaws Amendments

- 2<sup>nd</sup> Vice-Chairman added to provide officer representation from each geographic region – February, 1992
- Officer succession & rotation by geographic region established (without Bylaws Amendment) – May, 1998
- Quorum redefined to be one-half of Council membership plus one present in person or by proxy – December, 2005

### INSC Infrastructure

- Global Creed
  - Adopted June, 1993
  - Initiated norm to read at opening of each INSC meeting April, 2001
- Global Award
  - Adopted May, 1994
  - Bylaws permit annual award; Practice is bi-annual award conferred at INSC's winter meeting
  - INSC 1<sup>st</sup> Vice-Chair chairs H&A Committee
  - Nominations are confidential to H&A Committee
- INSC Logo – Adopted May, 1994
- Country Reports to INSC meetings
  - Initiated June, 2006
  - Template adopted & posting to INSC website begun June, 2013
- Action Items list initiated – June, 2006

### INSC Infrastructure

- Fiscal Structure
  - Deliberated “Ad hoc Approach” versus “Dues Assessment” for first 17 years with no resolution (while Ad hoc Approach was followed)
  - Deliberation terminated November, 2007, at INSC 07-02 meeting in Washington, DC
  - Expenses:
    - Travel for meeting attendance paid by each attendee
    - No remuneration to INSC officers
    - Global Award expense (certificate & trophy) split equally among AESJ, ANS, KNS, & SFEN (2014: 304 USD)
    - Meeting refreshments paid by host member Society or INSC officers
    - Special project expense to be paid by Ad hoc approach

### Admission of New INSC Members

- Israel Nuclear Society (INS) – At-large, April, 1991
- Brazilian Association of Nuclear Energy (ABEN) – Latin America, February, 1993
- Pakistan Nuclear Society (PNS) – At-large, October, 1994
- Egyptian Society of Nuclear Sciences and Applications (ESNSA) – At-large, May, 1998
- New ENS members societies, e.g., Italian Nuclear Association – periodically added under ENS umbrella membership

### Admission of New INSC Members

- Indian Nuclear Society (INS) – At-large, April, 2000
- Nuclear Society of Thailand (NST) – At-large, November, 2004 (28<sup>th</sup> member)

### NGO Participation

- April, 2000, IAEA Industry Forum – Vienna, Austria – INSC Chair & 2 other INSC members attended
- May, 2000, NPT Review Meeting – New York, NY, USA – submitted Non-proliferation Paper
- April, 2001, United Nations Environment Program (UNEP) granted NGO Observer status to INSC
- September, 2001, International Atomic Energy Agency (IAEA) granted NGO Observer status to INSC (nominally 4 seats)
  - Thereafter, INSC representative(s) have attended IAEA General Conference each September

## NGO Participation

- October, 2001, UNFCCC/COP-7 – Marakeshi, Morocco – submitted Statement on Reducing Global Carbon Dioxide Emissions
- November, 2002, MOU with INEA (International Nuclear Energy Academy) on mutually cooperative issues
- November, 2003, INSC withdrew request to United Nations Educational Scientific and Cultural Organization (UNESCO) for NGO status due to 2K USD registration fee
- November, 2004, LAS/ANS delegated to INSC its NGO Observer status at the United Nations Framework Convention on Climate Change (UNFCCC) [sponsor of COP meetings]

## NGO Participation

- December, 2004, UNFCCC/COP-10 – Buenos Aires, Argentina – INSC representatives joined delegation led by LAS/ANS representative (AATN President)
- December, 2005, UNFCCC/COP-11 – Montreal, Canada – 2 INSC representatives (from ANS and CNS) attended as LAS/ANS delegation

## Publications

- March 1996 – book, “A Vision for the Second Fifty Years of Nuclear Energy -- Vision and Strategies”
  - A Vision of the Next Fifty Years
  - Strategies for the Next Fifty Years
    - Present Status of Nuclear Power
    - The Role of Nuclear Power in the Future
    - Reactor and Fuel Cycle Strategies
    - Institutional, Social, and International Issues
    - Nuclear Power for Non-electric Purposes
    - Requisites for Using Nuclear Energy Globally
    - Other Applications of Nuclear Science
  - Conclusions

## Publications

- March, 1999 – book, “Worldwide Integrated View on Main Nuclear Energy Issues”
  - Nuclear Safety
  - Public Acceptance
  - Nuclear Role in Coming Future
  - Radioactive Waste
  - Nuclear Non-Proliferation
  - Risk
  - Low Doses
  - Radioisotopes
  - Nuclear Power and the Environment

## Publications

- Post-1999 – Current Issues Series prepared by Task Groups on INSC book topics & published (through ANS) when updates were approved by the Council
  - ~~Public Acceptance~~ *Information & Outreach*
  - *Radioisotopes and Radiation Applications*
  - *H<sub>2</sub> Utilization*
  - *Safety Culture*
  - *Non Proliferation Reactors / Cycles*

## Publications

- Statements
  - Nuclear Energy in the 21<sup>st</sup> Century, June, 1992
  - The Uncontrolled Availability of Fissile Materials, October, 1994
  - Nuclear Safety Convention, October, 1994
  - NS&T in Support of Sustainable Development, 1994
  - Peaceful Application of Nuclear Technology, April, 1995
  - Reducing Global Carbon Dioxide Emissions, October, 1997
  - Reducing Global Carbon Dioxide Emissions, November, 1998
  - Reducing Global Carbon Dioxide Emissions, October, 2001
  - North Korean Nuclear Weapons, September, 2003
  - Providing for Our Energy Future While Protecting our Environment, May 2006
  - Nonproliferation, June, 2012 (Editorial revision February, 2014)

### Meetings Sponsorship

- December, 1999, International Conference on Low-Level Radiation Issues, "Bridging Radiation Policy and Science (BRPS)" – Warrenton, VA, USA
- April, 2004, United Nations University seminar, "Energy and Environment," co-sponsored with AESJ – Tokyo, Japan
  - global environment and energy supply
  - progress marked in developing countries
  - the role of nuclear energy for sustainable global energy supply

### Meetings Sponsorship

- June, 2008, Special Session, "Status of Nuclear Energy Programs of Nations," during ANS Annual Meeting – Anaheim, CA, USA
- November, 2008, Special Session, "Prospects for Nuclear Power in Developing Countries," during ANS Winter Meeting – Reno, NV, USA
- June, 2013, Special Session, "Regulatory Trends for the Siting and Design of Nuclear Facilities after Fukushima Daiichi," during Symposium LAS-ANS 2013 – Buenos Aires, Argentina

### Meetings Sponsorship

- June, 2013, Special Session, "Fukushima Daiichi's Impact on Nuclear Power Programs Worldwide," during Symposium LAS-ANS 2013 – Buenos Aires, Argentina

### INSC Website

- <http://insc.ans.org/> [hosted on ANS server]
- Topics:
  - Organization, Member Societies, Officers
  - Objectives, Bylaws, Rules, Global Creed, Global Award, Meetings, Actions
  - Publications, Statements, Press Releases
  - Country Reports
  - Archives of Recent & Past INSC Meetings
- Publications:
  - June, 2004 adopted practice to post publications on website 6 m after issuing printed copies
  - June, 2006 adopted practice only to post INSC publications on website for electronic download

### INSC Member Societies

- American Nuclear Society (ANS)
- Asociacion Argentina de Tecnologia Nuclear (AATN)
- Associação Brasileira de Energia Nuclear (ABEN)
- Atomic Energy Society of Japan (AESJ)
- Australian Nuclear Association (ANA)
- Canadian Nuclear Society (CNS)
- Egyptian Society of Nuclear Science and Applications (ESNSA)
- European Nuclear Society (ENS)
  - Austrian Nuclear Society
  - Belgian Nuclear Society
  - Britanac Nuclear Society
  - Croatian Nuclear Society
  - Czech Nuclear Society
  - Finnish Nuclear Society
  - French Nuclear Energy Society
  - German Nuclear Society
  - Hungarian Nuclear Society
  - Israel Nuclear Society
  - Indian Nuclear Association
  - Lithuanian Nuclear Energy Association
  - Yugoslavian Nuclear Society
  - The Nuclear Institute
  - Nuclear Society of Russia
  - Nuclear Society of Serbia
  - Nuclear Society of Slovenia
  - Polish Nuclear Society
  - Romanian Nuclear Energy Association
  - Slovak Nuclear Society
  - Spanish Nuclear Society
  - Swedish Nuclear Society
  - Swiss Nuclear Society
- Indian Nuclear Society (INS)
- Israel Nuclear Society (INIS)
- Korean Nuclear Society (KNS)
- Latin American Section (LAS)
- Nuclear Energy Society Taipei (NEST)
- Pakistan Nuclear Society (PNS)
- Sociedad Nuclear Mexicana (SNM)
- Nuclear Society of Thailand (NST)

### INSC Organization

REGION	MEMBER SOCIETY	NUMBER OF SEATS
Asia-Pacific	Atomic Energy Society of Japan (*)	2
	Australian Nuclear Association (*)	1
	Korean Nuclear Society (*)	1
	Nuclear Energy Society, Taipei (*)	1
	Chinese Nuclear Society (**)	...
Europe	European Nuclear Society (*)	6
Latin America	Latin American Section of ANS (*)	3
	Argentinian Association of Nuclear Technology (*)	1
	Brazilian Association of Nuclear Energy	1
North America	Mexican Nuclear Society (*)	1
	American Nuclear Society (*)	4
All-Large	Canadian Nuclear Society (*)	2
	Israel Nuclear Society	1
	Pakistan Nuclear Society	1
	Indian Nuclear Society	1
	Egyptian Society of Nuclear Science and Applications	1
	Nuclear Society of Thailand	1
	<b>TOTAL</b>	<b>28</b>

\* Charter Member

### INSC MEMBER SOCIETIES' ATTENDANCE HISTORY

Member	Nov-90	Apr-91	Nov-91	Apr-92	Nov-92	Jun-93	Oct-93	Mar-94	Oct-94	Apr-95	Oct-95	Apr-96	Oct-96	Apr-97	Mar-98	Oct-98	Jun-99	Sep-99	Apr-00	Nov-00	Apr-01	Sep-01	Apr-02	Nov-02	Apr-03		
1 AESI																											
2 AESI																											
3 ANSA																											
4 ANSA																											
5 KNS																											
6 NEST																											
7 ENS																											
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15 LAS																											
16 AATN																											
17 ABEN																											
18 SHM																											
19 ANS																											
20 ANS																											
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23 CHS																											
24 CHS																											
25 INNS																											
26 PMS																											
27 INNS																											
28 ESNSA																											
29 NST																											
30 TOTAL	12	13	12	14	16	10	8	10	14	9	12	5	8	7	8	10	8	6	7	12	6	7	9	13	6		

Member	Nov-03	Jun-04	Nov-04	Mar-05	Dec-05	Jun-06	Nov-06	Jun-07	7-Nov	Jun-08	Nov-08	May-09	Sep-09	Jun-10	Oct-10	Mar-11	Nov-11	Jun-12	Nov-12	Jun-13	Nov-13	Apr-14	Nov-14	Mar-15		
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28 ESNSA																										
29 NST																										
30 TOTAL	10	13	11	6	6	10	10	12	10	11	9	4	TBD	9	9	7	13	11	12	6	11	7	8	8		