Report on the IAEE business meetings

Prepared by the Central Office of the International Association for Earthquake Engineering

Enclosed are the minutes of three IAEE business meetings held during the 10WCEE and nine appendices. These are:

Minutes of the Executive Committee Meeting
Minutes of the General Assembly of Delegates
Minutes of the Joint Executive Committee Meeting
Appendix 1: Report of the President delivered at the Executive Committee Meeting
Appendix 2: Report of the Secretary-General to the Executive Committee
Appendix 3: Report of the President delivered at the General Assembly of Delegates
Appendix 4: Report to the National Delegates of the International Association for Earthquake Engineering on the Activities of the International Strong Motion Array Council
Appendix 5: Report to the IAEE General Assembly of Delegates on the IAEE Journal: Earthquake Engineering and Structural Dynamics
Appendix 6: Resolutions
Appendix 7: Statutes of the International Association for Earthquake Engineering
Appendix 8: IAEE Executive Committee Members (As of 10WCEE)
Appendix 9: National Delegates (At the 10WCEE)

ABBREVIATIONS

The following frequent abbreviations have been used in this report:

IAEE: International Association for Earthquake Engineering
IDNDR: International Decade for Natural Disaster Reduction
ISMAC: International Strong Motion Array Council
EERI: Earthquake Engineering Research Institute
EESD: Earthquake Engineering and Structural Dynamics
WCEE: World Conference on Earthquake Engineering
WSSI: World Seismic Safety Initiative

MINUTES OF THE EXECUTIVE COMMITTEE MEETING

The Executive Committee of the IAEE met on July 22, 1992 in the Palacio de Congresos y Exposiciones, Madrid, Spain from 15:00 to 17:00.

1. The IAEE President, Giuseppe Grandori, welcomed the Committee members and opened the meeting.

2. Those present were:

   President: Giuseppe Grandori
   Executive Vice-President: Luis Esteve

   Vice-President: A. Lopez-Arroyo
   Secretary-General: Tsuneo Katayama
   Directors:
   Mustafa Erdik
   Dimitar Jurukovski
   Takuji Kobori
   Joaquin Monge
   Thomas Paulay
   Nikolai N. Skladnev
   Sukru M. Uzumeri
   Lili Xie
   Rodrigo Flores A.
   George W. Housner
   Joseph Penzien
   Emilio Rosenbleuth

Honorary Members
Central Office
Mikako Ohta
Tadao Minami
Shunsuke Otani

3 Adoption of Agenda

The Agenda of the meeting was adopted.

4 Report on 10WCEE by the Chairman of the Organizing Committee

Lopez-Arroyo, Chairman of the 10WCEE Steering Committee, briefly reported on matters related to the preparation for the Conference; (a) 2,162 abstracts were received, (b) the abstracts were reviewed by 100 Spanish and 100 foreign researchers, (c) 1,484 abstracts were accepted, (d) two Keynote Lectures, 10 State-of-the-Art Reports, 30 Papers were invited for presentation during the conference, (e) Technical Sessions include Oral and Poster Sessions, and (f) 10 topics were selected for the Special Theme Sessions.

5 Report of the President

Grandori expressed deep gratitude to the Asociacion Espanola de Ingenieria Sismica for hosting the conference (refer to Appendix 1).

The Committee paid silent tribute to the late Kiyoshi Muto (Honorary Member), Yutaka Osawa (Consulting Member), Jorge Prince (past Director), and Huixian Liu (National Delegate of China).

Grandori congratulated and thanked the IAEE Central Office for the successful publication of "Earthquake Resistant Regulations - A World List - 1992".

Several international conferences on earthquake engineering and seismology were held. Either the President or the Secretary-General represented the IAEE at most of the conferences.

Finally, Grandori reported that a nominating committee consisting of G.W. Housner, H. Umemura and himself submitted a slate of nominations for the offices of President, Executive Vice-President, and eight Directors. The slate was approved by the Executive Committee. The President reported that Arur Ravara indicated his retirement.

6 Report of the Secretary-General

Katayama briefly reported the activities of the Association as outlined in Appendix 2. These included: (a) Officers and Directors, (b) IAEE Membership and National Delegates, (c) Nominating Committee, (d) Invitation for 11WCEE, (e) IAEE's involvement with the IDNDR, (f) International Journal of Earthquake Engineering and Structural Dynamics, (g) International Strong Motion Array Council, (h) IAEE publications, and (i) financial support.

7 Application for Membership

The Secretary-General reported that four national organizations applied for IAEE membership: Slovenia, Croatia, Macedonia and Costa Rica.

Application documents of Costa Rica were found incomplete, hence, the application will be reviewed when the documents are complete.

The application documents from the three other organizations were complete. The definition of a nation was questioned during the examination. The object of the Association to promote international cooperation among scientists and engineers was recognized, and the applications of the three organizations were approved.

8 Central Office

President Grandori thanked the Central Office for its past work. Kobori, National Delegate of Japan, proposed that the office be located in Japan. The proposal was approved. The Secretary-General shall be named by the Japanese organization. The President suggested that T. Katayama remain as Secretary-General.

9 Nomination of Honorary Members

Giuseppe Grandori, Joseph Penzien, Rifat Yarar, and Nicolas N. Ambroseys were nominated as Honorary Members.

10 Invitation for 11WCEE

The Secretary General reported that invitations to host the 11WCEE have been received from the national organizations of China, Chile, United Kingdom and Mexico.

11 Progress Report on the IDNDR Project

The Secretary-General reported the progress of the IDNDR program with special emphasis on an unofficial IAEE workshop held in Tokyo in October, 1991 and the Special Theme Session on IDNDR on July 21, 1992, where an IAEE's working paper "A Time for Action: World Seismic Safety Initiative" was introduced and discussed.

The Committee agreed on the importance of the IDNDR, and recommended that the IAEE should be actively involved in the dissemination of knowledge, topics and results of research and practical experience. However, it was pointed out that the IAEE can not commit financial involvement due to the lack of funds within the association.
Draft of Resolutions

Four draft resolutions were proposed. It was agreed that Spanish text of Resolution I should be translated into English and Resolution IV should be removed. Director Uzumeri agreed to redraft Resolution III.

Other Matters

The Secretary-General pointed out some issues to be discussed by the new Executive Committee. These were: (a) organization of World Seismic Safety Initiative (WSSI), (b) publication of WSSI report, (c) clarification of the IAEE Statutes. He also requested the cooperation of each National Delegate by responding quickly to inquiries from the Central Office relevant to the new edition of the IAEE Directory.

MINUTES OF THE GENERAL ASSEMBLY OF DElegates

The General Assembly of the International Association for Earthquake Engineering was held on July 24, 1992 in the Palacio de Congresos y Exposiciones, Madrid, Spain from 10:00 to 12:00.

1 Thirty-four delegates from the following countries
were recognized:

1. Argentina* 18. Israel*
2. Australia 19. Italy*
3. Austria 20. Japan
5. Canada* 22. Mexico
6. Chile 23. New Zealand*
7. China 24. Peru
8. Croatia 25. Portugal*
9. Egypt 26. Romania
10. Ethiopia* 27. Russia
11. France* 28. Slovenia
12. Germany 29. Spain
13. Grece 30. Switzerland
14. Iceland 31. Turkey
15. India 32. United Kingdom*
16. Indonesia* 33. United States
17. Iran 34. Venezuela*

* Authorized Deputy Delegates

2 The Agenda for the meeting was approved.

3 Report of the President

The President reported (refer to Appendix 3) that the applications for membership by Croatia, Macedonia and Slovenia have been approved by the Executive Committee during its meeting on July 22, 1992. The National Delegate of Greece expressed his objection to the acceptance of Macedonia on the ground that Macedonia has not yet been internationally recognized as an independent country under this name.

Report of the Secretary-General

The Secretary-General briefly outlined the IAEE activities since 1988 (refer to Appendix 2).

Report of the International Strong Motion Array Council

Committee Chairman W.D. Iwan reported on the activities of the International Strong Motion Array Council (refer to Appendix 4). He stated that since 1988 the Council has focused on two major activities; the organization of a set of international experiments on the effects of surface geology on strong ground motion, and a survey of strong motion recording instruments available worldwide.

Publication of the Earthquake Engineering and Structural Dynamics (EESD)

On behalf of the General Editor, G.B. Warburton, Associate Editor A.K. Chopra presented the brief history of the EESD journal (refer to Appendix 5). He requested the Delegates to make an effort to increase the number of subscriptions.

Selection of the Venue for the Eleventh World Conference (11WCEE)

The Delegates from China, U.K. and Mexico extended their country's invitation to host the 11WCEE. The invitation from Chile was withdrawn in the last minutes. By ballot of the National Delegates, Mexico was selected as the host country for the 11WCEE in 1996.

Election of New Officers and Directors

a) T. Pauly (New Zealand) and J. Grases (Venezuela) were unanimously elected as President and Vice-President, respectively.

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b) T. Katayama was reappointed as Secretary-General.

c) Eight persons on the slate of nominations were introduced by the Secretary-General and two persons were nominated from the floor: P.N. Agrawal (India) and T. Boen (Indonesia). Those consequently elected as Directors were V. Bertero (U.S.A.), D. Jurukovski (Macedonia), T. Kobori (Japan), J. Monge (Chile), A. Ravara (Portugal), N. Skladnev (Russia), S. Uzumeri (Canada) and L. Xie (China).

9 Confirmation of Recommendations for Honorary Members

The following Honorary Members selected by the Executive Committee were introduced to and approved by the Delegates:

- N.N. Ambraseys (U.K.)
- G. Grandori (Italy)
- J. Penziuen (U.S.A.)
- R. Yarar (Turkey)

10 IAEE Program to Support the IDNDR

The Secretary-General introduced the proposed IAEE program for the IDNDR called the World Seismic Safety Initiative (WSSI), which was based on the following documents:

"A Time for Action: World Seismic Safety Initiative" (Refer to Annex 1 of the Report of the Special Theme Session on IDNDR).

"Proposal Adopted at the Special Theme Session on the International Decade for Natural Disaster Reduction" (Refer to Annex 2 of the Report of the Special Theme Session on IDNDR).

This proposal, which indicates IAEE’s strong commitment to the objectives of the IDNDR, was discussed in depth during the meeting. In reply to the question from the Delegate from Germany, the Secretary-General said that this proposal will be thoroughly examined before official publication.

11 Adoption of Resolutions

The resolutions were introduced by the Secretary-General and approved subject to some modifications.

12 Other Matters

The Secretary-General pointed out that there is a need to review and, if necessary, revise some articles of the Statutes of the IAEE.

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MINUTES OF THE JOINT EXECUTIVE COMMITTEE MEETING

The joint meeting of the old and new Executive Committees of IAEE was held on July 24, 1992, after the Closing Ceremonies of the 10WCEE, in the Palacio de Congressos y Exposiciones in Madrid, Spain.

1 Attendees

New Executive Committee Members

- President: T. Paulay
- Exec. Vice-President: J. Grasce
- Secretary-General: T. Katayama

Old Executive Committee Members

- President: G. Grandori
- Exec. Vice-President: L. Esteva
- Vice-President: A.L. Arroyo

2 Introduction of Officers and Directors

T. Paulay, the new President, introduced the attendees.

3 Selection of Additional Directors

The following persons were selected as Directors to improve the geographical distribution of the Directors, in accordance with Article 6-1 of the IAEE Statutes:

- P.N. Agrawal (India)
- M. Sobuei (Egypt)
- R. Park (New Zealand)

4 Other Matters

4.1 IDNDR Activities

The Committee discussed relevant tasks and appointed the following six persons as the members of the interim committee to perform such duties as required to establish the WSSI, until the members of the Board of Directors are appointed: G. Grandori, W.D. Iwan, T. Katayama, R. Meli, H.C. Shah, and C.C. Thiel. The Committee also invited two directors, V. Bertero
and X. Lie to be the IAEE's liaison members to oversee the interim Committee.

4.2 Request for the Cooperation of National Organizations with the IAEE Central Office

T. Katayama, Secretary-General, proposed that to improve efficiency some routine administrative work presently performed by the Central Office be distributed among National Organizations. The attendees agreed to the proposal. President Paulay and Director Uzumeri consented to work, together with the Secretary-General, to review and improve, if necessary, the present Statutes of the IAEE.

Appendix I

REPORT OF GIUSEPPE GRANDORI, PRESIDENT,
DELIVERED AT THE EXECUTIVE COMMITTEE MEETING

First, I wish to express the profound gratitude of the IAEE to the Spanish colleagues for the excellent organization of this 10WCEE.

Then, I have to remember that some distinguished members of our community passed away after the 9WCEE, namely: Kiyoshi Muto, Yutaka Osawa, Jorge Prince and Liu Huixian. I ask you to keep 30 seconds of silence in honor of these eminent colleagues. Thank you.

About the activity of the IAEE since the 9WCEE, Secretary-General Tsuneo Katayama prepared a comprehensive report that will be presented by Katayama himself. This is the right occasion for me to express great appreciation for the outstanding work done by the Secretary-General, for his personal intelligent involvement in the management of IAEE affairs. Special appreciation is also due to Professor Haruo Takizawa who prepared the new edition of "Earthquake Resistant Regulations - A World List-1992" that is now distributed.

I have just a few things to add.

Many Regional and National Conferences on Earthquake Engineering have been held after the 9WCEE. At many of them, either Professor Katayama or myself, or both, have represented the IAEE. In particular, I attended the Planning Meeting of the Global Seismic Hazard Assessment Program (GSHAP) held in Rome in June 1992. As mentioned during the Special Theme Session on IDNR, a collaboration between IAEE and GSHAP is suitable and promising.

In accordance with our Statutes, the President appointed a nominating committee consisting of himself, Prof. G. W. Housner and Prof. H. Umemura. The committee has prepared a slate of nominations consisting of one name each for the offices of President, Executive Vice-President and eight Directors, as follows:

<table>
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<tr>
<th>Directors (cont.)</th>
<th>N. Skladnev (USSR)</th>
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<tbody>
<tr>
<td></td>
<td>S. Uzumeri (Canada)</td>
</tr>
<tr>
<td></td>
<td>L. Xie (China)</td>
</tr>
</tbody>
</table>

This slate of nominations has been approved by the present Executive Committee through correspondence and will be proposed to the General Assembly. As you know, three other Directors shall be optionally selected by the new Executive Committee (as established by the General Assembly) in order to improve the geographical distribution.

It is up to the present Executive Committee to approve new memberships. Per our Statutes, the International Association is composed of National Organizations, and only one National Organization from a country can become a member.

As you know, the definition of countries in some parts of the world is at present a dynamic process: for instance, the two Germanies became one, while on the contrary, some countries split up and some countries are currently splitting up.

I am sure that the wisdom of the Executive Committee and of its Consultative Members will lead to satisfactory decisions on this matter.

The situation is as follows:

It seems that we can accept without difficulty the membership of Germany as a unique country.

The old USSR membership is proposed to become the membership of Russia.

Moreover, the Central Office received four applications for membership: Costa Rica, Croatia, Macedonia and Slovenia. This Executive Committee must decide about the acceptance of Croatia, Macedonia and Slovenia.

Finally, I wish to mention a problem that has been raised by many colleagues and also outlined by Prof. Umemura in his Report of the President at the 9WCEE: "We have reached a stage to review the type of the conference in order to continue the conference."

The need for change derives from the increasing number of papers that are presented at the world conferences and the related difficulty of fruitful discussion.

Following the suggestions received from George Housner, Luis Esteva, and Teo Tassios, I tried to prepare a draft proposal of new guidelines for the
organization of future conferences, based on a wider adoption of discussion sessions with general reporters and on a strong reduction of individual presentations. My personal conclusion is that a realistic organization of a conference where discussion is stimulated and successfully carried out (with one week duration) is possible under the condition that a maximum of approximately 900 papers are accepted and that only one third of them are individually presented at conventional sessions.

I am not sure whether the advantages of this solution outweigh the disadvantages. Thus, I did not judge it appropriate to present a proposal here. I will collect the suggestions I received, and together with my conclusions, I will send them to the new Officers for further elaboration.

Appendix 2

REPORT OF TSUNEKO KATAYAMA, SECRETARY-GENERAL, TO THE EXECUTIVE COMMITTEE

(This report with slight modifications was read also at the General Assembly of Delegates)

1 General

Since the Executive Committee Meeting held during the 8WCEE in Japan in 1988 approved that the Central Office of the IAEE be located in Japan with me as Secretary-General, most of the IAEE business has been carried out by correspondence with the Officers, Directors and National Delegates. In addition, an informal Executive Committee Meeting was held in Moscow in September, 1990, and an IAEE Workshop on the IDNDR was organized in Tokyo in October, 1991.

2 Officers and Directors

For the last 4 years, the Officers of the IAEE were:

President
Executive Vice-President
Vice-President
Secretary-General
Giuseppe Grandori
Luis Esteva
Alfonso Lopez Arroyo
Tsuneo Katayama

The eight Directors elected at the General Assembly of Delegates held in Japan in 1988 were:

B. Chandra
M. Erdik
D. Jurukovski
T. Kobori
T. Paulay
J. Penzien
A. Ravara
L. Xie
India
Turkey
Yugoslavia
Japan
New Zealand
USA
Portugal
China

In accordance with Article 5-8 of the Statutes of the IAEE, three additional Directors were selected to improve the geographical distribution of the Directors during the Joint Meeting of the old and new Executive Committees also held in Japan in 1988. They were:

J. Monge
N.N. Skladnev
S.M. Uzumeri
Chile
USSR
Canada

3 IAEE Membership and National Delegates

As of January 1, 1991, the two Germanies became one making the number of member countries 37. Since the last conference, there had been no application for new membership in the IAEE.

However, many National Delegates have changed since then. This was mostly due to the revision of the Statutes in September 1984 during the 8WCEE. Article 3-5 of the Statutes reads, "The term of office of the Delegate and Deputy Delegate shall be four years, but reappointments can be made. National Delegates shall serve for not more than two successive terms."

The twenty countries whose National Delegates changed during the last four years are:

Australia
Bulgaria
Canada
Chile
China
El Salvador
Germany
Greece
India
Indonesia
Iran
Israel
Japan
Mexico
New Zealand
Philippines
Switzerland
Turkey
United Kingdom
U.S.A.

I regret to report that a few countries did not comply with Article 3-5 of the Statutes in spite of repeated notifications from the Central Office and that they do not at present have official representatives at the Association.

Very recently, four membership applications were filed at the Central Office and the matter will be discussed and decided on during the present Executive Committee Meeting.

4 Nominating Committee

In accordance with Article 5-7 of the Statutes, the President appointed a nominating committee consisting of himself, G.W. Housner and H.
Umewara. The committee has submitted a slate of nominations for the offices of President, Executive Vice-President, and eight Directors to the Secretary-General. These nominations will be discussed and decided during the present Executive Committee Meeting.

5 Invitation for the Next (11th) World Conference

Four countries have so far filed official letters of invitation for the 11WCEE with the Secretary-General. They are China, Chile, United Kingdom and Mexico. A ballot of the General Assembly of Delegates on July 24 during the present Conference will decide on the acceptance of one invitation.

6 IAEE’s Involvement with IDNDR

We should remember that the original proposal for the IDNDR was made by Frank Press, President of the US Academy of Science, in his keynote address at the Opening Ceremony of the 8WCEE in San Francisco in 1984. In the IAEE Resolutions adopted at the General Assembly of Delegates during the 8WCEE, the IAEE enthusiastically endorsed the proposal and recommended prompt action for implementation.

During the 9WCEE held in Japan in 1988, the IAEE again expressed its strong involvement in the activities of the IDNDR. At that Conference, the National Delegates approved the creation of an IAEE Committee on the IDNDR. Initial members were:

G.W. Housner  Chairman
J. Petrovski  
K. Toki

During the Joint Meeting of the old and new Executive Committees held immediately after the 9WCEE, it was approved that a Joint Committee on Geotechnical Hazards for IDNDR be established, with the above-mentioned three members representing the IAEE. Eventually, three more members joined the Committee:

K. Ishihara International Society for Soil Mechanics and Foundation Engineering
E. Kausel International Association of Seismology and Physics of the Earth’s Interior
Lili Xie International Association of Seismology and Physics of the Earth’s Interior

As yet, no substantial activities had been made in the framework of the IAEE even after 1990, which was proclaimed as the start of the IDNDR.

In October, 1991, an unofficial IAEE Workshop on the IDNDR was held in Tokyo to formulate an initial list of earthquake disaster reduction activities that might be supported by the IAEE and to recommend a strategy for future IAEE involvement in the IDNDR.

The Workshop turned out to be an opportunity for a harsh self-examination for the IAEE. It was pointed out that, although the IAEE is an unaffiliated organization with a small staff, no dues, and no large sources of income, it is the only international organization representing the earthquake engineering community and it has high visibility through its World Conferences. It was deemed imperative that the IAEE play an active role in the Decade. Recommendations adopted at the end of the Workshop included, among others:

a) The IAEE Committee should prepare a working paper on earthquake engineering for the Decade and the role of the IAEE in the Decade.

b) A discussion of the working paper by the National Delegates of the IAEE should be scheduled for an appropriate time during the 10WCEE.

c) A workshop on the earthquake engineering program for the Decade should be held at the 10WCEE to discuss and further refine the working paper.

d) The IAEE should make any structural changes that will improve its ability to promote the earthquake engineering program for the Decade.

In early 1992, the Secretary-General, with the approval of the President, asked the U.S. Earthquake Engineering Research Institute (EERI) to form a small working panel to prepare a working paper to be discussed during the 10WCEE. The IAEE/EERI panel was formed with three members; H.C. Shah (Chairman), Charles Thiel and W.D. Iwan.

A Special Theme Session on the IDNDR had been planned for the 10WCEE with R. Meli and myself as Session Coordinators and R. Blazquez as Local Cordinator.

The working paper "A Time for Action: World Seismic Safety Initiative" was completed in early July 1992 and was sent to the Officers, Directors, National Delegates and several persons and organizations for review before the 10WCEE.

The Special Theme Session was well attended by the Officers, National Delegates as well as representatives from several international organizations. In-depth discussions were made at the Special Theme Session, which resulted in resolutions requesting the IAEE to approve the concept and implementation plan described in the said document.

This matter will be discussed in the General Assembly of Delegates. On behalf of the IAEE Officers, I strongly urge all the member countries to support the World Seismic Safety Initiative (WSSI), which is going to be a legal entity to carry out the implementation plans according to the guidelines set forth in the document.

I expect that there will still be many hurdles on the road before realizing the concept of the WSSI. I would like to ask all the members of the IAEE to contribute whatever they can to achieve our goals.
International Journal of Earthquake Engineering and Structural Dynamics and International Strong Motion Array Council

A meeting for the former was held on July 21, 1992, and one for the latter will be held on July 23, 1992. The reports of both activities will be presented during the General Assembly of Delegates.

8 IAEE Publications

The IAEE has been publishing two documents every four years. They are the "Earthquake Resistant Regulations - A World List" and the "Directory for Earthquake Engineering Research". A revised version of the former was published in time for the 10WCEE and copies are available at the Central Office. The Directory will be published by the end of this year after the names of the Officers, Directors and Consultant Members would have been finalized.

The work required for the publication of these books is considerable. I would like to ask for greater cooperation from all members. We have had numerous problems in the past in getting timely responses from our National Delegates.

The revised edition of the "Basic Concepts of Seismic Codes, Vol.1, Part 2" on the seismic-resistant construction of non-engineered structures was recently translated into Spanish through the combined efforts of the National University of Engineering and the CISMID, both in Peru. The English version published in 1986 by the Central Office was prepared by A.S. Arya, T. Boen, Y. Ishiyama, A.I. Martemianov, R. Meli, C. Scawthorn, J. Vargas N., and Ye Yaoxian. I strongly believe that this kind of activity fully meets the aims of the IAEE. I would like to express my most sincere appreciation to all those who prepared this very useful document.

9 Financial Report

Before closing my report, I would like to briefly touch on the financial situation of the IAEE Central Office. The annual operational expenses of the Central Office were:

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<tr>
<th>Year</th>
<th>Amount</th>
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<tr>
<td>1988</td>
<td>¥ 1,543,438</td>
</tr>
<tr>
<td>1989</td>
<td>1,853,239</td>
</tr>
<tr>
<td>1990</td>
<td>1,223,625</td>
</tr>
<tr>
<td>1991</td>
<td>1,538,814</td>
</tr>
</tbody>
</table>

These amounts were provided by individual Japanese earthquake engineers through the Japan Association for Earthquake Disaster Prevention. I close my report as Secretary-General of the IAEE with my thanks to all the generous donors.

Appendix 3

REPORT OF GIUSEPPE GRANDORI, PRESIDENT,
DELIVERED AT THE GENERAL ASSEMBLY OF DELEGATES

1 Executive Committee Meeting

First, I have to inform this General Assembly about the main topics discussed and the decisions made at the Executive Committee Meeting of July 22, 1992.

1.1 New memberships

The Central Office received four applications for membership: Costa Rica, Croatia, Macedonia and Slovenia.

The acceptance of Costa Rica has been postponed because the formal documents were incomplete.

The applications of Croatia, Macedonia and Slovenia have been accepted.

One of the member countries was USSR. The name of this member country has been changed to Russia.

The national delegate remains Dr. Skladnev.

Another member country was Yugoslavia which has broken up into a number of independent countries.

It is up to the Executive Committee to accept new memberships. So no decision on this subject has to be taken by the General Assembly.

1.2 State of nominations

As mentioned in my report to the Executive Committee, the nominating committee prepared a slate of nominations consisting of one name each for the offices of President, Executive Vice-President and eight Directors. It is now up to this General Assembly to elect new officers in accordance with the Statutes.

As you know, three other Directors shall be optionally selected by the new Executive Committee in order to improve geographical distribution.

2 IDNDR-related activity

Since the creation of the IAEE Committee on the IDNDR at the 9WCEE in Tokyo, considerable efforts have been made to prepare an IAEE program within the framework of IDNDR.

These efforts led to the program called World Seismic Safety Initiative (WSSI), prepared by the IAEE Panel (H.C. Shah, C.C. Thiel, W.D. Iwan) and reviewed by several members including myself, the Vice-President, and the Secretary-General. WSSI has been presented and discussed at the
Special Theme Session on IDNDR during this Conference. It is now presented for approval by the General Assembly.

I wish to emphasize the fact that in the past, IAEE functioned mainly to hold the World Conferences and its organization was set up for this purpose. As already observed by George Housner, if we now decide that IAEE should actually undertake such an important research project, it will be necessary to change our operating procedures. This is the reason why particular attention is paid, in the WSSI document, to the organizational steps. However, it is clear that the success of the WSSI depends on the firm commitment and active participation of the world’s earthquake engineering community.

3 Central Office

On behalf of the IAEE, I wish to express my profound gratitude to the Japan Association for Earthquake Disaster Prevention for the support given to the Central Office, and to Professor Tsuneo Katayama for his outstanding performance as Secretary-General. I sincerely hope that the Japan Association and Professor Katayama will continue to offer their valuable contributions to the activities of the IAEE.

Appendix 4

REPORT TO THE NATIONAL DELEGATES OF THE INTERNATIONAL ASSOCIATION FOR EARTHQUAKE ENGINEERING ON THE ACTIVITIES OF THE INTERNATIONAL STRONG MOTION ARRAY COUNCIL

I am pleased to provide this report on the activities of the International Strong Motion Array Council (ISMAC). The Council has an enthusiastic and active membership and has, I believe, contributed significantly to the goals of the International Association for Earthquake Engineering (IAEE).

1 Brief History of ISMAC

ISMAC was established by IAEE in 1981 for the purpose of providing a focal point for international cooperation on strong motion array and network projects. The concept of ISMAC came out of the recommendations of the workshop on strong motion arrays which was sponsored by IAEE and others in 1978 in Hawaii. The objectives of ISMAC as revised in 1988 are:

a) To serve as a clearing house for documentation on the design and deployment of existing and planned arrays and networks.
b) To establish priorities for international arrays and networks.
c) To facilitate the exchange of data obtained from strong motion arrays and networks.
d) To undertake special projects related to strong motion arrays and networks as appropriate.

The membership of ISMAC is appointed by IAEE in such a way as to ensure appropriate representation from the International Association for Seismology and Physics of the Earth's Interior (IASPEI) and other relevant organizations. The term of appointments for members is four years and may be renewed. At present there are ten members. ISMAC is empowered to appoint committees and to undertake such activities as may be appropriate to meet its stated objectives.

2 Benefits to IAEE

ISMAC provides many benefits to IAEE. These include:

a) Providing a means for considering technical issues related to earthquake engineering at a greater depth that is possible during the World Conferences.
b) Providing a vehicle for individual IAEE members and others to channel their efforts towards specific technical concerns and to address these concerns from an international perspective.
c) Providing a means of maintaining continuity of interest and effort between the World Conferences which are held only every four years.
d) Providing a means of increasing cooperation with other organizations such as IASPEI which have common earthquake safety goals.

The model represented by ISMAC has been sufficiently successful that it might well be duplicated by IAEE in other areas.

3 Overview of Current Activities

Since the Ninth World Conference on Earthquake Engineering in 1988, the Council has focused on two major activities; the organization of a set of international experiments on the effects of surface geology on strong ground motion, and a survey of strong motion recording instruments available worldwide. These two activities are briefly described below.

A Joint IAEE/IASPEI Working Group on the Effects of Surface Geology was established during the Ninth World Conference on Earthquake Engineering in Tokyo. A principal objective of this Joint Working
Group has been to organize a set of international experiments on the effects of surface geology as a means of testing and calibrating analytical methods used to characterize such effects. The Joint Working Group has assisted in the conduct of two significant experiments; one at Turkey Flat in the U.S.A., and one at Ashigara Valley in Japan. Successful workshops have been conducted dealing with the results of these experiments, the most recent being held in Odawara, Japan in March of this year. New experiments have been proposed by several countries and there are also proposals for additional studies of the data obtained from past experiments. There appears to be considerable interest in this area and there is sufficient work for the Joint Working Group to remain well into the future.

In another activity ISMAC has successfully promoted a worldwide survey of strong motion instruments. The results of this survey are being presented at this Tenth World Conference on Earthquake Engineering. This survey should be of great assistance to those planning the future deployment of strong motion instruments in arrays and networks.

During the Tenth World Conference on Earthquake Engineering, the Council will meet to discuss future plans. It is anticipated that the members will have numerous new proposals for ISMAC projects. Already in different stages of planning are a second Joint Working Group with IASPEI on the Processing of Strong Motion Data, and an International Workshop on Strong Motion Networks and Arrays which would serve as a follow-up to the 1978 Hawaii Workshop.

4 Recommendations

In light of its benefits to the earthquake engineering community, it is recommended that ISMAC continue to receive the support of IAEE. In this regard, it is specifically recommended that IAEE take the following actions:

a) Appoint or reappoint, as appropriate, members to the Council to serve until 1996 and designate a chairperson of the Council.

b) Continue to allow the office of the Secretary-General of IAEE to provide limited administrative support for ISMAC activities.

This report is respectfully submitted for your consideration.

W.D. Iwan,
Chairman of ISMAC

Appendix 5
REPORT TO THE IAEE GENERAL ASSEMBLY OF DELEGATES ON THE IAEE JOURNAL: EARTHQUAKE ENGINEERING AND STRUCTURAL DYNAMICS

1 Earthquake Engineering and Structural Dynamics is the official journal of the International Association for Earthquake Engineering. The Journal started in 1972 with Profs. R.W. Clough and G.B. Warburton as the two editors. At the 9WCEE, Prof. Clough retired and I assumed the responsibilities as one of the two editors. The Journal is published by John Wiley. Prof. Warburton, the General Editor, could not be here, so I am here to present the report to you.

2 The Journal started as a quarterly publication and has gradually grown to be a monthly publication. This growth reflects the increased research activity in earthquake engineering and the respect enjoyed by the Journal. Currently, about 120 manuscripts are submitted per year for publication and 80 of them are published. This number has doubled since the early 1980s.

3 We continue to receive plenty of good manuscripts. However, most of the papers come from relatively few countries. We would like to request each of you, the national delegates, to encourage researchers and engineers in your respective countries to submit papers to the Journal.

4 The number of paid subscriptions for the Journal is about 800. Like other commercially published journals, the Journal is purchased almost exclusively by libraries and institutions; subscriptions from individuals are virtually absent. In order to further advance the goals of IAEE, the Editors believe that every effort should be made to increase the number of subscriptions, especially from individuals. We have therefore been urging the publisher to develop a special reduced price (much lower than the present 25% discount) for individual subscribers.

At the July 21, 1992 meeting of the Journal's advisory editorial board, the publisher agreed to develop such a proposal. Once this plan is established, the Journal will be available at this special reduced price to individual members of national societies of all countries that are members of IAEE. We would be
contacting the national delegates to seek their assistance in disseminating information in their respective countries.

5 Finally, the Editors wish to encourage IAEE to submit news and other informational items for publication in the Journal. This, being your journal, please utilize it to the maximum.

Respectfully submitted,
ANIL K. CHOPRA
Associate Editor
Earthquake Engineering and Structural Dynamics

Appendix 6
RESOLUTIONS

1 The IAEE Executive Committee and the General Assembly of Delegates would like to express their deep gratitude to His Majesty Juan Carlos I, King of Spain, for having accepted the Presidency of the Honorary Committee of the Tenth World Conference on Earthquake Engineering.

2 The IAEE Executive Committee and the General Assembly of Delegates wish to express their great appreciation to the Host Organization, Asociacion Espanola de Ingenieria Sismica and the 10WCEE Organizing Committees for the excellent execution of this highly successful event.

3 The IAEE Executive Committee and the Assembly of National Delegates express their appreciation for the work done by the IAEE/EERI Panel members, who prepared the document "A Time for Action: The World Seismic Safety Initiative."

3.1 The IAEE endorses the concept of the World Seismic Safety Initiative (WSSI) and directs the Executive Committee to:

a) Establish the WSSI as a legal entity according to the guidelines set forth in the aforementioned document;
b) Appoint an interim committee to perform such duties as required to establish the WSSI until the members of the Board of Directors are appointed;
c) Conduct a review of the activities of the WSSI, in time for the 11WCEE and to recommend to the Assembly of National delegates at that time whether or not IAEE involvement with the WSSI should continue.

3.2 The WSSI activities in the initial period (3 years or so) should have a very heavy component directed towards the dissemination of existing knowledge.

3.3 The Action taken by the National Delegates of the IAEE, including this resolution with its appendices, be published as an official document.

Appendix 7
STATUTES OF THE INTERNATIONAL ASSOCIATION FOR EARTHQUAKE ENGINEERING

Adopted by the Preparatory Committee for Establishing the International Organization on Earthquake Engineering, February 20, 1962. Revised:

Art. 1 NAME

1-1 The name of this organization is "International Association for Earthquake Engineering" (hereinafter referred to as the "Association"). The initials IAEE may be used as the abbreviated name of the Association.

Art. 2 OBJECT

2-1 The object of the Association is to promote international cooperation among scientists and engineers in the field of earthquake engineering through interchange of knowledge, ideas and results of research and practical experience.

2-2 The Association will accomplish its object by:
a) holding world conferences,
b) interchanging information, and
c) extending technical cooperation.
Art. 3 MEMBERSHIP

3-1 The Association is composed of National Organizations of Earthquake Engineering (defined in Art. 3-3, and hereinafter referred to as "National Organizations") approved for membership by the Executive Committee. The Executive Committee has the right to terminate the membership of any National Organization by a two-thirds majority vote.

3-2 Individual members of affiliated National Organizations shall be deemed to be individual members of the Association.

3-3 A National Organization is composed of members, individual or corporate, accepted into membership according to the statutes of that particular organization. A member of the Association may belong to more than one National Organization, and these need not include that of his country of residence. A National Organization must have: (a) a Constitution or Statutes; (b) a President, Chairman, or equivalent Executive Officer; (c) a Secretary; and (d) and an address for its secretariat. The total membership of a National Organization shall be not less than 8. Only one National Organization from a country shall become a member.

3-4 To become a member of the Association, an existing National Organization must send a letter to the Secretary-General of the Association, signed by the Executive Officer and Secretary, formally applying for membership and indicating that if accepted the National Organization will do its best to further the object of the Association, to cooperate with it, to abide by its statutes, and enclosing: (a) its Constitution or Statutes; (b) the names of its current officers; (c) the address of the secretariat; and (d) the names of its current members.

3-5 Each National Organization shall designate a Delegate and a Deputy Delegate to represent it in the Association. There shall be only one Delegate and Deputy Delegate from each National Organization. The term of office of the Delegate and Deputy Delegate shall be four years, but reappointment is made. National Delegates shall serve for not more than two successive terms.

Art. 4 ADMINISTRATION

4-1 The authority of the Association shall be exercised through:
   a) The General Assembly of Delegates
   b) The Executive Committee
   c) The Officers

Art. 5 GENERAL ASSEMBLY OF DELEGATES

5-1 The General Assembly of Delegates shall be composed of all Delegates representing National Organizations affiliated with the Association. The Deputy Delegate shall represent the National Organization in the absence of the Delegate.

5-2 The sessions of the General Assembly of Delegates shall be presided over by the President of the Association.

5-3 The functions of the General Assembly of Delegates shall be:
   a) to elect a President, an Executive Vice-President, and Directors according to Art. 5-7;
   b) to confirm recommendations for Honorary Members of the Association;
   c) to approve the selection of the place of the next world conference according to Art. 5-8;
   d) to approve Association policies and procedures;
   e) to amend these Statutes according to Art. 11.

5-4 A session of the General Assembly of Delegates shall be held during each world conference, at which time Officers and Directors referred to in paragraph (a) of Art. 5-3 shall be elected. A quorum for a session of the General Assembly of Delegates shall be one-half of the National Delegates. Attendance at a session of the General Assembly of Delegates shall include: (a) National Delegates, who alone may vote; (b) Deputy National Delegates, with no voice or vote if the National Delegate is present; (c) members of the Executive Committee, with voice but no vote; and (d) other persons, with no vote, at the specific invitation of the President. If there is no quorum and the General Assembly meeting cannot be held, the business scheduled for the meeting shall be transacted by correspondence. In such a case, it shall be the duty of the Secretary-General to ensure that the elections to the Executive Committee are held through the post and that the process be completed within six months of the preceding world conference. In such an event, to save time, the formality of seconding names proposed by a Delegate as required in Art. 5-7 shall be waived. Further, in such a case the persons securing the highest number of votes shall be declared elected and the requirement of a majority of votes shall be waived.

5-5 At sessions of the General Assembly of Delegates, a majority vote of the Delegates
present shall be required on all matters put to vote, unless otherwise provided for in the Statutes.

5-6 For matters requiring interim action by the General Assembly of Delegates, decision may be taken by postal ballot. This will require a majority of votes cast for adoption, with the total vote cast at least half of the eligible votes, except as required by Art. 11-1.

5-7 The President shall appoint a nominating committee consisting of himself and two former elected Presidents or Executive Vice-Presidents not now serving in that office. The nominating committee shall submit to the Secretary-General no later than one month prior to the session of the General Assembly of Delegates at the world conference a slate of nominations approved by the Executive Committee consisting of one name each for the offices of President, Executive Vice-President, and eight Directors. Additional nominations may be made from the floor at the General Assembly of Delegates at the world conference by any National Delegate present, to be seconded by another National Delegate. The candidate receiving a majority (more than one half of total votes) shall be elected. When more than two choices are available and none of the choices receives a majority of the votes on the first ballot count, the choice receiving the fewest votes shall be deleted, and a second ballot conducted. The procedures shall be repeated successively until one of the choices receives a majority of the votes. In the event of a tie vote for any office, the President shall cast the deciding ballot.

5-8 The General Assembly of Delegates shall select the place for the next world conference from a list of candidate countries who have filed with the Secretary-General a letter of invitation from the affiliated National Organization. If more than two choices are available and none of the choices receives a majority on the first ballot count, the choice receiving the fewest votes shall be deleted, and a second ballot conducted. The procedure shall be repeated successively until one of the choices receives a majority of the votes. In the event of a tie vote, the President shall cast the deciding vote. If at the time of the session of the General Assembly of Delegates no valid invitations have been received, a quorum is not present, or a single candidate does not receive a majority, the Secretary-General shall arrange for the location of the next world conference by correspondence within a period of six months of the preceding world conference.

Art. 6 EXECUTIVE COMMITTEE

6-1 The Executive Committee shall consist of the President, Executive Vice-President, the Vice-President, not more than eleven Directors, the Secretary-General and Consultative Members. Eight Directors shall be elected by the General Assembly of Delegates and the three others shall be optionally selected by the Executive Committee, in order to improve the geographical distribution of the Directors. Not more than one Director shall be from one country. The past Presidents and Honorary Members shall be Consultative Members without vote. In addition the Executive Committee may co-opt any person suitably qualified as Consultative member without vote.

6-2 The Secretary-General shall be nominated by the National Organization of the country where the Central Office of the Association is located, and shall be confirmed by the Executive Committee. The term of service of the Secretary-General shall be at the pleasure of the Executive Committee, subject to reconfirmation at intervals not to exceed six years.

6-3 Not more than three members of the Executive Committee, minus the Consultative Members, shall be from any one country. When the Executive Vice-President is not from the country selected to hold the next world conference, the President, after consulting the National Delegate of that country, shall name an additional Vice-President from that country.

6-4 Officers and Directors referred to in paragraph (a) of Art. 5-3 shall be eligible for one re-election or reappointment to the same position.

6-5 The President shall be Chairman of the Executive Committee.

6-6 The functions of the Executive Committee shall be:

a) to transact business of the Association in accordance with the decisions and policies approved by the General Assembly of Delegates;

b) to decide on admissions and withdrawals from the Association;

c) to assist the National Organization in the host country in the planning of the next world conference;

d) to make recommendations to the General Assembly of Delegates for its approval.
either in session or by postal ballot;
e) to fill any vacancy in the Officers that may occur between world conferences.

6-7 The Executive Committee shall meet during each world conference. During the interval between world conferences, the Executive Committee shall function through correspondence.

6-8 Voting of the Executive Committee shall take place according to the relevant provisions of Arts. 5-5, 5-6, and 11-1.

Art. 7 OFFICERS

7-1 Officers of the Association are:
President
Executive Vice-President
Vice-President, if provided by Art. 6-3
Secretary-General

7-2 The functions of the President shall be:

a) to preside at meetings of the Executive Committee and at sessions of the General Assembly of Delegates;
b) to act on behalf of the Association in the conduct of the affairs of the Association in accordance with policies and procedures approved by the General Assembly of Delegates.

7-3 The functions of the Executive Vice-President shall be to assume the duties of the President in case the President is unavailable.

7-4 The functions of the Secretary-General shall be:

a) to administer the Central Office of the Association;
b) to maintain the records of the Association;
c) to print and distribute publications of the Association;
d) to keep in trust the money contributed to the Association and to provide an annual accounting of the Association funds;
e) to receive the report of the nominating committee (Art. 5-7) and invitations for world conference location (Art. 5-8);
f) to arrange for minutes of the session of the General Assembly of Delegates at the world conference to be taken and distributed, including records of business transacted, movers and seconders of all motions, including nominations.

Art. 8 HONORARY MEMBERS

8-1 Honorary Members shall be selected on the basis of their distinguished service to earthquake engineering.

8-2 The Executive Committee shall nominate Honorary Members, to be confirmed by the General Assembly of Delegates.

Art. 9 FINANCES

9-1 There shall be no dues nor assessments to member National Organizations of the Association.

9-2 Operating expenses of the Central Office of the Association shall be met by the National Organization of the country in which the Central Office is located.

9-3 Each National Organization shall be responsible for meeting its own expenses.

9-4 Expenses of a world conference shall be met by the host country.

9-5 The foregoing shall not preclude any member National Organization from voluntarily contributing to the funds of the Association or to the organizing expenses of a world conference.

Art. 10 GENERAL

10-1 The Central Office of the Association shall be located in the country determined by the Executive Committee.

10-2 The official language of the Association shall be English.

Art. 11 AMENDMENTS

11-1 Adoption of any amendment to the Statutes shall require two-thirds affirmative vote of the Delegates present at the session of the General Assembly of Delegates; or two-thirds affirmative votes of the Delegates by postal ballot, provided the postal votes cast shall not be less than two-thirds of the eligible votes. No vote shall be taken on an amendment to the Statutes until at least three months have elapsed since the complete text of the proposed amendment has been distributed to the National Delegates.
Appendix 8
IAEE EXECUTIVE COMMITTEE MEMBERS
(As of 10WCEE)

President
Prof. Giuseppe Grandori
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delle Construzioni
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Vice-President
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Prof. Dimitar Jurukovski
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Consultative Member
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6395
## Honorary Members

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<td>Dr. John A. Blume</td>
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<td>Hillsborough, California</td>
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<td>94010, U.S.A.</td>
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<td>Prof. Ray W. Clough</td>
<td>Dept. of Civil Engineering,</td>
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<td></td>
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<td>University of California</td>
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<td>Prof. Rodrigo Flores A.</td>
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<td>University of Chile</td>
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<td>Casilla 2895</td>
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<td></td>
<td>Santiago, Chile</td>
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<tr>
<td>Prof. George W. Housner</td>
<td>C.F. Braun Professor of Engineering</td>
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<td></td>
<td>Division of Engineering and Applied Sciences</td>
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<td>California Institute of Technology</td>
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<td>Pasadena, California 91125</td>
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<td>Prof. Donald E. Hudson</td>
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<td></td>
<td>California Institute of Technology</td>
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<td>Pasadena, California 91125</td>
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<td>Dr. Jai Krishna</td>
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<td>India</td>
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<td>Dr. Shunzo Okamoto</td>
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<td>Chiba 280, Japan</td>
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<td>Prof. S.V. Poliakov</td>
<td>Kucherenko Central Research Institute</td>
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<td>K-25 Prospect Marx's 12</td>
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<td>Gosstroy of the U.S.S.R.</td>
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<td>Mr. John E. Rinne</td>
<td>16 Yale Circle, Kensington</td>
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<td>California 94708</td>
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<td>Prof. Emilio Rosenbleueh</td>
<td>Institute of Engineering</td>
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<td>University of Mexico</td>
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<td>Mexico 20, D.F., Mexico</td>
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<td>Dr. Hajime Umemura</td>
<td>1-1-9, Nishikata, Bunkyo-ku</td>
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<td>Tokyo 113, Japan</td>
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## Appendix 9

### NATIONAL DELEGATES

(At the 10WCEE)

#### ARGENTINA

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Prof. Juan Carmona*</td>
<td>Universidad Nacional de San Juan</td>
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<td></td>
<td>Avda/Libertador San Martin</td>
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<td></td>
<td>1290 (Oeste)</td>
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<td>5400 - San Juan, Argentina</td>
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#### AUSTRALIA

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<th>Name</th>
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<tr>
<td>Mr. K. McCue</td>
<td>Australian Seismological Centre BMR, P.O. Box 378</td>
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<td></td>
<td>Canberra ACT 2601,</td>
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<td></td>
<td>Australia</td>
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#### AUSTRIA

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<tr>
<td>Dr. R.G. Flesch</td>
<td>Austrian Association for Earthquake Engineering</td>
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<td>c/o BVFA-Arsenal,</td>
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<td>Paraguay Gasse 3, A1030</td>
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<td>Vienna, Austria</td>
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#### BULGARIA

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<tr>
<td>Prof. Dimitre Nenov</td>
<td>Bulgarian Academy of Sciences</td>
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<td>Central Laboratory for Seismic Mechanics and Earthquake Engineering</td>
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#### CANADA

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<td>Dr. Ron H. DeVall</td>
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<td>CHILE</td>
<td>Prof. Rafael Riddell</td>
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