The 1st Meeting of the RERF Board of Councilors

Agenda

Date: June 21 (Tue.) -22 (Wed.), 2011
Place: RERF Hiroshima Laboratory
5-2 Hijiyma Park, Minami-ku, Hiroshima City, Japan   TEL 082-261-3131 / FAX 082-263-7279

I. Items related to Report of Activities and Settlement of Accounts
1. FY-2010 report of activities
   Brief research summary
2. Recommendations made by the 38th meeting of the Scientific Council
3. Responses to recommendations made by the 38th meeting of the Scientific Council
4. FY-2010 settlement of accounts report
5. FY-2010 audit reports
6. Approval of FY-2010 financial statements [item for resolution]

II. Items related to Plans of Activities and Budget Estimates
7. Report of FY-2011 plans of activities

III. Items related to transition to public interest incorporated foundation
9. Operation of exceptional incorporated foundation with Councilors
   (1) Operating structure
   (2) Regulations concerning remuneration, etc. and reimbursement of expenses for Councilors, Directors,
       Auditors, Scientific Advisors and Local Advisors [item for resolution]
10. Report of transition to public interest incorporated foundation
    Future schedule for transition to public interest incorporated foundation
11. Decisions concerning application for approval of status change to public interest incorporated foundation
    (1) Application form for status-change approval [item for resolution]
    (2) Draft Articles of Incorporation (2nd stage) [item for resolution]

IV. Appointment of Directors, etc.
12. Appointment of Directors, Scientific Advisors and Local Advisors [item for resolution]

V. Other items
13. Matters concerning operation of Board of Councilors meeting [item for confirmation]
   (1) Appointment of the Executive Councilor and signatories of meeting minutes
   (2) Method for alternating of Councilors
   (3) Procedures of appointment of Officers, etc.
   (4) Duration and details of Board of Councilors meetings
   (5) Potential for use of TV or telephone conference
   (6) Potential for omission of convening procedures of Board of Councilors meeting
   (7) Potential for omission of decisions of Board of Councilors meeting
   (8) Potential for omission of reporting to Board of Councilors meeting
14. Observers for Board of Councilors meeting [item for confirmation]
15. Schedule of next Board of Councilors meeting [item for confirmation]
THE 1ST MEETING OF THE RERF BOARD OF COUNCILORS
RADIATION EFFECTS RESEARCH FOUNDATION

Date: June 21 (Tue.)–22 (Wed.), 2011
Place: Radiation Effects Research Foundation, Hiroshima Laboratory

List of Participants

COUNCILORS
Mr. Masaaki Kuniyasu, Former Ambassador Extraordinary and Plenipotentiary to the Republic of Portugal
Dr. Yasuhito Sasaki, Executive Director, Japan Radioisotope Association
Dr. Hiroo Dohy, Director, Hiroshima Red Cross Hospital & Atomic-bomb Survivors Hospital
Dr. Ohtsura Niwa, Emeritus Professor, Kyoto University
Dr. James D. Cox, Former Head, Department of Radiation Oncology, The University of Texas M.D. Anderson Cancer Center
Dr. Shelley A. Hearne, Managing Director, Pew Health Group, The Pew Charitable Trusts, Washington, DC
Dr. Jonathan M. Samet, Director, USC Institute for Global Health, University of Southern California, Los Angeles, California; and Professor and Flora L. Thornton Chair, Department of Preventive Medicine, Keck School of Medicine, University of Southern California, Los Angeles, California (Nonattendance)
Mr. James W. Ziglar, Senior Counsel, Van Ness Feldman, Washington, DC (Former Sergeant at Arms of the United States Senate)

DIRECTORS
Dr. Toshiteru Okubo, Chairman/Representative Director
Dr. Roy E. Shore, Vice-Chairman and Executive Director
Mr. Takanobu Teramoto, Executive Director

AUDITORS
Mr. Takashi Kohno, Certified Public Accountant, Hiroshima General Law/Accounting Office
Mr. David Williams, Senior Financial Advisor, National Academy of Sciences

CO-CHAIRPERSON OF THE SCIENTIFIC ADVISORY COMMITTEE (FORMER SCIENTIFIC COUNCIL)
Dr. Kiyoshi Miyagawa, Professor, Laboratory of Molecular Radiology, Center for Disease Biology and Medicine, Graduate School of Medicine, The University of Tokyo

JAPANESE MINISTRY OF HEALTH, LABOUR, AND WELFARE
Mr. Yasunori Wada, Director, A-Bomb Survivor Support Office, General Affairs Division, Health Service Bureau
Dr. Kiwamu Nagoshi, Deputy Director, A-Bomb Survivor Support Office, General Affairs Division, Health Service Bureau
Mr. Hiromasa Kuroki, Deputy Director, A-Bomb Survivor Support Office, General Affairs Division, Health Service Bureau
Dr. Masashi Nagase, Section Chief, A-Bomb Survivor Support Office, General Affairs Division, Health Service Bureau
U.S. DEPARTMENT OF ENERGY
Mr. Glenn S. Podonsky, Chief Health, Safety and Security Officer, Office of Health, Safety and Security
Dr. Patricia R. Worthington, Director, Office of Health and Safety, Office of Health, Safety and Security
Dr. Joseph F. Weiss, Japan Program Manager, Office of Domestic and International Health Studies, Office of Health, Safety and Security

U.S. NATIONAL ACADEMY OF SCIENCES
Dr. Kevin D. Crowley, Director, Nuclear and Radiation Studies Board, Division on Earth and Life Studies, National Research Council, National Academy of Sciences

U.S. EMBASSY IN JAPAN
Mr. Ronald C. Cherry, Energy Attaché and Director, DOE Tokyo Office, U.S. Department of Energy

RERF ATTENDEES
Dr. Evan B. Douple, Associate Chief of Research
Dr. Nori Nakamura, Chief Scientist
Dr. Kazunori Kodama, Chief Scientist
Mr. Eiji Akimoto, Chief of Secretariat
Mr. Douglas C. Solvie, Associate Chief of Secretariat
Radiation Effects Research Foundation (RERF):
Summary Report of the 1st Meeting of the RERF Board of Councilors

The 1st meeting of the RERF Board of Councilors was held at RERF’s Hiroshima Laboratory over the two days of June 21 and 22. The major items discussed are as follows:

Report of major activities, settlement of accounts report

The FY2010 report of activities, FY2010 settlement of accounts report, and FY2010 audit reports were approved as drafted.

Report of activity plans, report of budget estimates

The Board of Councilors reviewed and approved, in continuation from the previous fiscal year, the FY2011 activity plans and budget estimates for such projects as the clinical study of the A-bomb survivors’ children, research on individual radiation doses, and collaborative research with other scientific organizations. Following the 11th mandatory personnel reduction, the newly implemented reduction plan, initiated in FY2010, will reduce budgeted personnel slots by five persons for this fiscal year.

Recommendations made by the 38th Scientific Council and RERF’s responses

It was reported that the Scientific Council had conducted its focused review of the Departments of Epidemiology and Statistics and provided a general recommendation to improve research quality and develop research plans based on priorities considering contemporary relevance, and five specific recommendations. The Board of Councilors discussed RERF’s responses to the recommendations.

Transition to public-interest incorporated foundation

1) Operation as exceptional incorporated foundation with Councilors

With the competent government ministers granting authorization in April of this year regarding change of the Act of Endowment, RERF has transitioned to an exceptional incorporated foundation with Councilors, which is identical to a public-interest incorporated foundation from the viewpoint of organizational structure. In addition to its legally prescribed bodies, RERF also has established the Scientific Advisory Committee, Local Liaison Councils, and the post of Local Advisor.

2) Report of transition to public-interest incorporated foundation

As the draft Articles of Incorporation were approved at the Board of Councilors meeting, RERF intends to apply for public-interest authorization to the Japanese Cabinet Office in
July, expecting the transition of RERF to a public interest incorporated foundation to be completed in April 2012.

**Appointment of Directors, Scientific Advisors, and Local Advisors**

Three Directors, two Scientific Advisors, and two Local Advisors were appointed (see Attachment) at the meeting. Their terms of office will be until the conclusion of the regular meeting of the Board of Councilors in the year shown in the parentheses in the Attachment.
役員の選任
Election of Officers

任期は（ ）年に開催される定時評議員会の終結の時まで
The term of office will be until the conclusion of the BOC meeting (regular) held in (  ) year.

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<thead>
<tr>
<th>現任 Present</th>
<th>新任 New</th>
<th>再任 Reappointment</th>
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<tbody>
<tr>
<td>理事長 (代表理事) Chairman (Representative Director)</td>
<td>大久保 利晃 Dr. Toshiteru Okubo (2011)</td>
<td>大久保 利晃 Dr. Toshiteru Okubo (2013)</td>
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<tr>
<td>副理事長兼業務執行理事 Vice Chairman/ Executive Director</td>
<td>Dr. Roy E. Shore (2011)</td>
<td>Dr. Roy E. Shore (2013)</td>
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<td>業務執行理事 Executive Director</td>
<td>寺本 隆信 Mr. Takanobu Teramoto (2011)</td>
<td>寺本 隆信 Mr. Takanobu Teramoto (2013)</td>
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<tr>
<th>監事 Auditor</th>
<th>Mr. David Williams (2012)</th>
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<td>監事 Auditor</td>
<td>河野 隆 Mr. Takashi Kohno (2012)</td>
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# 科学諮問委員の選任

**Election of Scientific Advisors**

任期は（ ）年に開催される定時評議員会の終結の時まで

The term of office will be until the conclusion of the BOC meeting (regular) held in (  ) year.

<table>
<thead>
<tr>
<th>現 任</th>
<th>新任</th>
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<tbody>
<tr>
<td><strong>柳川 堯</strong> (2011) 久留米大学 バイオ統計センター 特定教授</td>
<td><strong>山下 俊一</strong> (2016) 長崎大学大学院 医歯薬学総合研究科長</td>
</tr>
<tr>
<td><strong>Dr. Takashi Yanagawa</strong> (2011) Professor with special appointment, The Biostatistics Center, Kurume University</td>
<td><strong>Dr. Shunichi Yamashita</strong> (2016) Dean, Nagasaki University Graduate School of Biomedical Sciences</td>
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<tr>
<td><strong>田島 和雄</strong> (2015) 愛知県がんセンター研究所 所長</td>
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<tr>
<td><strong>Dr. Kazuo Tajima</strong> (2015) Director Aichi Cancer Center Research Institute</td>
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<tr>
<td><strong>酒井 一夫</strong> (2014) 独立行政法人 放射線医学総合研究所 放射線防護研究センター長</td>
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<tr>
<td><strong>Dr. Kazuo Sakai</strong> (2014) Director, Research Center for Radiation Protection, National Institute of Radiological Sciences</td>
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<tr>
<td><strong>宮川 清</strong> (2013) 東京大学大学院医学系研究科 疾患生命工学センター放射線分子医学部門 教授</td>
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<tr>
<td><strong>Dr. Kiyoshi Miyagawa</strong> (2013) Professor, Laboratory of Molecular Radiology, Center for Disease Biology and Medicine, Graduate School of Medicine, The University of Tokyo</td>
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<tr>
<td><strong>徳永 勝士</strong> (2012) 東京大学大学院医学系研究科 国際保健学専攻 人類遺伝学分野 教授</td>
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<tr>
<td><strong>Dr. Katsushi Tokunaga</strong> (2012) Professor, Department of Human Genetics, Division of International Health, Graduate School of Medicine, The University of Tokyo</td>
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<td><strong>Dr. David G. Hoel (2011)</strong></td>
<td><strong>Dr. David G. Hoel (2016)</strong></td>
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<tr>
<td>米国サウスカロライナ医科大学医学部特殊教授</td>
<td>米国サウスカロライナ医科大学医学部特殊教授</td>
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<tr>
<td>Distinguished University Professor, Department of Medicine, Medical University of South Carolina</td>
<td>Distinguished University Professor, Department of Medicine, Medical University of South Carolina</td>
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<th><strong>Dr. Marianne Berwick (2015)</strong></th>
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<td>米国ニューメキシコ大学疫学・生物統計学部長兼教授がん研究治療センター副センター長</td>
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<tr>
<td>Professor and Chief, Division of Epidemiology and Biostatistics, Associate Director, Cancer Research and Treatment Center, University of New Mexico</td>
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<tr>
<th><strong>Dr. Sally A. Amundson (2014)</strong></th>
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<td>米国コロンビア大学内科・外科学部放射線腫瘍学担当准教授</td>
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<tr>
<td>Associate Professor of Radiation Oncology, College of Physicians and Surgeons of Columbia University</td>
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<th><strong>Dr. John J. Mulvihill (2013)</strong></th>
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<tr>
<td>米国オクラホマ大学保健科学センター小児医学研究所Kimberly V. Talley記念遺伝教授；小児科学教授；遺伝科長</td>
</tr>
<tr>
<td>Children’s Medical Research Institute/Kimberly V. Talley Chair in Genetics; Professor of Pediatrics; Head, Section of Genetics, University of Oklahoma Health Sciences Center</td>
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<th><strong>Dr. Michael N. Cornforth (2012)</strong></th>
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<td>米国テキサス大学医学部放射線腫瘍学部門生物学教授兼部長</td>
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<tr>
<td>Professor and Director of Biology Division, Department of Radiation Oncology, The University of Texas Medical Branch</td>
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地元諮問委員の選任
Election of Local Advisors

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<table>
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| 浅原 利正 (2013)  
広島大学 学長 |
| Dr. Toshimasa Asahara (2013)  
President, Hiroshima University |
| 片崎 茂 (2013)  
長崎大学 学長 |
| Dr. Shigeru Katamine (2013)  
President, Nagasaki University |
Responses to Fukushima Daiichi Nuclear Power Plant Crisis

June 20, 2011
Radiation Effects Research Foundation

Since the start of the nuclear power plant crisis on March 11, RERF has taken the following measures under Chairman Okubo’s leadership based on discussions led by the Committee for Responses to Radiation Emergency Medical Management (Chair: Chief Scientist Kodama, Vice Chair: ITD Chief Katayama):

1. Dispatch of experts to affected regions and radiation measurement

   a. Dispatch of a radiation technologist to Fukushima prefecture for radiation measurement, March 16-22, 2011

      Mr. Kurisu, assistant chief of technicians in the Department of Clinical Studies, was dispatched to Fukushima prefecture as a member of an emergency assistance team sponsored by the Hiroshima International Council for the Radiation-exposed (HICARE). This team (six members) was organized to respond to Fukushima prefectural government’s request to the Hiroshima prefectural government. In Fukushima, together with the staffs of local health and welfare offices and public health centers, the team members visited 12 evacuation sites, where they conducted radiation measurement using radiation survey meters and provided consultation services to the evacuees.

   b. Dispatch of a research scientist and a radiation technologist to Yamagata prefecture for providing of guidance and training regarding radiation measurement, March 17-24, 2011

      Dr. Takahashi, research scientist in the Department of Genetics, and Mr. Yamasaki, senior technician in the Department of Clinical Studies in Nagasaki, were dispatched by RERF at the request of the Yamagata prefectural government via Japan’s Ministry of Health, Labour and Welfare. Dr. Takahashi and Mr. Yamasaki visited four public health centers and six evacuation sites in Yamagata prefecture, providing guidance and training regarding radiation measurement using radiation survey meters.

   c. Radiation measurement at RERF Hiroshima

      At the request of 30 persons (as of June 10) who had moved to Hiroshima from areas near the nuclear power plant, Dr. Noda, chief of the Cytogenetics Laboratory, and other relevant staff conducted radiation measurement of these individuals using radiation survey meters.

2. Information provision and consultation regarding radiation and health

   a. Responses to inquiries from the general public and media

      Since March 11, the date of the start of the crisis, RERF has been inundated with general public inquiries and media requests for information. During the first three days (including Saturday and Sunday) after the initial disaster, the Chairman received more than 50 telephone inquiries regarding a wide variety of issues, not just about research themes pursued by RERF. Based on such inquiries, on March 14, the Chairman prepared a list of the most frequently asked questions, to which Dr. Nakamura, chief scientist, provided model answers. Since that day, the resulting Q&A manuals have been shared among all employees, while Dr. Nakamura has mainly responded to inquiries from the media and the Public Relations and Publications Office to inquiries from the general public. The Departments of Clinical
Studies and Epidemiology have responded to inquiries from AHS and LSS subjects, respectively.

b. Creation of a special webpage

On March 15, on its website’s “What’s New” page, RERF notified the general public of availability of brochures regarding radiation health effects. On March 17, a special webpage related to the nuclear power crisis was created to provide information regarding a collection of Q&A regarding radiation health effects, relevant brochures, institutes related to health care for the radiation-exposed in Japan, and other related information from both Japan and abroad. An English version of the webpage was made available on March 18. Thereafter, the webpage has been updated when necessary.

During this period, RERF website access dramatically increased: the number of hits and visits per day increased from about 40,000 and 1,300, respectively, before the disaster to about 2 million and 30,000, respectively, afterwards (as of March 15). Thereafter, the numbers gradually decreased but still remain about five times as many as the pre-accident numbers (or, about 200,000/day for hits and 5,000/day for visits). Furthermore, the Research Questions page on the external website has received a large number of questions during the period from the immediate aftermath of the accident to the present.

3. Biological dose assessment

Dr. Y. Kodama, chief of the Department of Genetics and member of the Chromosome Network Committee sponsored by the National Institute of Radiological Sciences, has been placed on standby in case of occurrence of high-level radiation exposure, maintaining the emergency liaison system within the network. Since chromosome-based dose assessment is time-consuming and labor-intensive, and RERF is capable of conducting such assessment for an estimated 40-50 cases only, it was decided that RERF would accept requests only from the said network and the Hiroshima University Radiation Emergency Medicine Promotion Center, a tertiary referral medical institute for western Japan (no biological dose assessments have been conducted at RERF as of June 10).

4. Long-term epidemiological research

To prepare for the possibility of long-term epidemiological research on residents of the affected areas, reviews on how to carry out such research were initiated on March 15. Thereafter, with increased worldwide attention on the nuclear power plant crisis, international organizations, governmental agencies as well as research institutes inquired of RERF about its possible responses in terms of conduct of such long-term epidemiological research.

With this in mind, Dr. Okubo proposed to member institutions of the Council of Radiation Effects Research Organizations on March 29 establishment of a system for conducting long-term epidemiological research. The Council held an ad hoc meeting at the Fukushima Medical University on April 2. On April 25, a group of observers from the Fukushima Medical University visited RERF. On April 27, the sixth working meeting of the Council of Radiation Effects Research Organizations was held in Tokyo, attended by Dr. Okubo and Dr. K. Kodama. The Council decided to nominate advisors for radiation dose estimation and long-term epidemiological research from among the Council members.

On May 13, a preparatory meeting for the Fukushima health study review committee (tentative name) was held at the Fukushima Medical University, attended by Dr. K. Kodama and Dr. Ozasa. On May 20, the government of Fukushima Prefecture called on RERF to recommend a candidate to serve as member of a review committee for the prefecture’s Health Management Study on Fukushima Residents (hereinafter referred to as “Fukushima Health
Management Study”). In response, it was decided that Dr. K. Kodama would assume the position of committee member. On May 25 and 26, Professor Yasumura and Assistant Professor Saito from the Fukushima Medical University as well as employees in charge at the Fukushima prefectural government visited RERF and toured the departments of Epidemiology and Clinical Studies. Subsequently, the visitors exchanged opinions and held deliberations with RERF staff members.

On May 27, the first meeting of the Fukushima Health Management Study review committee was held at the Fukushima Prefectural Jichi-Kaikan, where the Fukushima prefectural government and the Fukushima Medical University officially announced that a health study of Fukushima residents would be conducted. (Dr. K. Kodama and Dr. Ozasa were absent from the meeting.) On June 8, the first meeting in fiscal year 2011 of the Radiation Dose Estimation Expert Panel was held at the Fukushima Medical University, attended by Dr. Ozasa. On June 12, the first meeting of the headquarters for implementation of the Fukushima Health Management Study was held at the Fukushima Medical University, attended by Dr. K. Kodama and Dr. Ozasa. On June 18, the second meeting of the Fukushima Health Management Study review committee was held at the Fukushima Prefectural Jichi-Kaikan, attended by Dr. K. Kodama. At the relevant meeting it was decided that a questionnaire survey would be conducted to estimate radiation dose to which Fukushima residents were exposed and that the relevant survey would be commenced around the end of June, starting with areas of relatively high contamination.

5. Advice to the government

On April 1, Dr. K. Kodama, chief scientist, was appointed as one of the policy investigators (seven experts with medical licenses) serving the Cabinet Secretariat to provide advice regarding medical responses to the Fukushima nuclear power plant crisis. Thereafter, Dr. K. Kodama has engaged in the relevant work two days each week.