

# FUKUSHIMA PROJECT

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## Prospectus

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We, as third-party unbiased individuals, will investigate and analyze the accident which occurred in the Fukushima Daiichi Nuclear Power Station. We will write down our findings as well as announce and post them on the web, then we will organize the lessons learned and present them to the world for the benefit of future generations. This is the goal of our "Book Project". In order to accomplish our goals, we will seek out funding through monetary contributions to finance the activities and costs of our project. Why exactly are these contributions necessary? I will explain exactly why in the following paragraph.

There are currently very large obstacles in the way of investigating and analyzing this accident. One obstacle being that there are monumentally large "financial interests" tangled within, which is the reason why the facts currently available are so obscure. Only those with the most financial interest can know the true facts of what is really going on behind the scenes. Right now we can assume that there are currently no credible facts available. These facts, which certainly have aroused a great deal of suspicion, are quite the phenomenon. This phenomenon has been taken in by the media and broadcasted repeatedly all around the world. For that matter, how much of what the media is broadcasting do they actually know to be true facts? This suspicion that they in fact don't know is also ever present.

Under these circumstances, the accident investigation report is likely to have been prepared by the government and TEPCO. In addition, lots of well-informed people are also likely to recognize this and then publish their own works concerning the matter. The first part will discuss the fact that we cannot deny the possibility that the report reflects the intentions of the former mentioned "people with the money who are pulling the strings (TEPCO and the related Government officials)". The latter part will consist of how the previously mentioned argument is influenced by market principles (such as whether or not this book can successfully sell or not). In order to escape from this spell of deceit, we need an unbiased third-party,

with no financial interests in mind, to get their hands on the facts. In order to get these results to the public, we will try to make this book as inexpensive as possible. We realized that we need to first ask for monetary contributions to fund research and administrative activities in order to accomplish this goal. Actually, mass media from profit making activities is decaying globally. Primarily, the younger generation who do not subscribe to newspapers, read books or even watch the news on TV is rapidly increasing. Of course, the prosperity of the internet remains sound and intact. Certainly, this should be the primary focus of the media in a democratic society which watches and criticizes governmental authority. If conventional media were to fail in this aspect, then NPO journalism would have to come to assume responsibility (funded through donations). Actually, this kind of trend has already been happening to some extent in America. These kind of activities like, after making an appeal for donations, trying to publish an investigation report through making a book, because we should avoid incurring financial interests. March 11, 2011 is the day which marks the beginning of a new chapter in Japanese history. In particular, this accident (in the Fukushima Daiichi Nuclear Power Station) has shaken the very foundation of Japan's society. The Prime Minister has expressed that he "is aiming for a society which is not dependent on Power Plants for energy". Influence from this accident has far reached itself to every corner around Japan consuming all within its reach. All of the industries are suffering as a result. The way management in Technology, Business (and other types of management), etc. are thinking, the current industry structure, the country's Safety and Security measures, and even the lifestyle of Japanese people will probably end up changing as a result. In our eyes, this Fukushima catastrophe has posed us with this enormous question. I believe that the lessons we learn from investigation and analysis of this accident will undoubtedly be the most valuable thing the future generations could possibly ever know. Therefore, I would like to humbly ask for any contributions in support of this project's activities.

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## Project Outline

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- With the contributions we receive, we will use them to divulge the primary reasons for the accident which occurred at the Fukushima Daiichi Nuclear Power Station, do a presentation on issues relevant to the accident, create a report with our suggestions for improvement for the future and then publish our findings in a book. We will call this book the "FUKUSHIMA Project". The organized Committee will oversee and carry out all activities involved in moving forward with this project.
- In the case that someone who donates money does not want personal information such as their name displayed in the back of the book it will be removed as desired.
- We, the Fukushima Committee, are going to conduct this research free of charge and in doing so renounce all royalties made from sales of this book.
- If we receive more than the desired amount, then the remainder will be donated to the victims affected through an appropriate organization (such as Red Cross).

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## Plan for publication of the "Power plant Accident Verification Report"

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### Objectives and Summary

With regard to the accident which occurred in the Fukushima Daiichi Nuclear Power Station, this enormous problem was not only limited to the scopes of technology and management involved, but also to the undermining of the fundamental government's safety and security policies. There will be nothing more valuable for the future than the lessons that we can learn through awareness and analysis of this catastrophe (and in addition to altering the future strategy for Technology Management and the Nation). From this kind of awareness, we can guess that TEPCO and the Government involved had control over the content in the investigation reports that were released to the media. Additionally, most well-informed people will probably look at this and publish their own works based on the controversy that lies within. As for the first part of this work, it will simply talk about the fact that we cannot deny the possibility that it simply just reflects the intentions of the main people who are behind the scenes pulling the strings (being those who possess the largest financial interests therein). The content of the latter part, being based on market principles, will talk about the level of absurdity and irresponsibility of those people who are trying to run away from the problem at hand. Based on these circumstances, our objectives, of this book which we will publish, are to use all efforts to investigate, analyze and think about how these outsiders (who were affected) must be feeling and then take the lessons learned and then let them be known to the future generations through one suggestion which will be presented in depth.

### Outline of this Publication

- An appeal will be made for contributions and then this capital will be used to organize and publish a report. We will call this book the "Fukushima Project", In order to promote this book we will organize a committee. The planning and editing for this book will be handled by the editing department in the organization that exists under the committee. The profitable information gathered from the report will be edited and compiled into a book by this editing department. The

committee will personally entrust appropriate individuals and companies with the responsibility of determining what information is relevant and appropriate for publishing.

- In the case that someone who donates money does not want personal information such as their name displayed in the back of the book it will be removed as desired.
- We, the Fukushima Committee, are going to conduct this research free of charge and in doing so renounce all royalties made from sales of this book.
- Contributions will be used to pay expenses related to research and investigation, as well as, printing costs and other associated costs necessary to complete this project. To be more specific, one example of the previously mentioned associated costs will be incurred in setting up a web page to provide information related to our findings to the public.
- If we receive more than the desired amount, then the remainder will be donated to the victims affected through an appropriate organization (such as Red Cross).
- If the amount of contributions received is less than the amount, in the event that it leads to difficulties in the publication of this work, the publication will be produced as an electronic version or through some other means in order to inform the public of our findings.
- There will be 2 versions for this publication: a book and a digest version. The digest will not require a copyright fee and will provide a free electronic copy at the viewers request. Electronic copies will also be provided for free at viewers request. We will also provide translations of the book for free upon request.
- This book will be released into the market as well as a regular subscription which will also be provided at the lowest price possible.
- The sales incurred from the book and the detailed report will be used to first pay for commissions, public relations, post-survey activities, etc. and then the remaining amount will be donated to the victims affected through an appropriate organization (such as Red Cross).

## Method of Investigation and Surveying

- The committee which organized the "Fukushima Project", which consists of well-informed individuals from all over the world including Japan (being individuals with no conflict of interest in relation to this incident), will be in charge of the survey and analysis of this incident.
- The costs associated with the collecting information and materials collection activities, the holding of committee meetings, etc. and other required fees from operating costs will be covered through the collected donations previously mentioned above.

## This book "The Essentials of Fukushima Power Plant Accident" (Tentative Title) / Assembly Plan

Why exactly did this accident happen? (Reason and Development of Initial Occurrence) / Collateral Risk involved before the accident occurred (Validity of the Design, Technological Problems, Risk and Economical Problems, Related Politics, etc.) / Management Inspection (Market Principles and Ideology, Weighing the gap between Safety and

Economical Issues) / An Inspection of the countermeasures used in relation to the accident (Actions the company took and the country's expectations) / A look at the problems related to the media / Lessons to be learned from this incident and implementing solutions for the future / (Appendix) What exactly is a Power Plant? / One more look at past serious power plant accidents

## Current Schedule

- March 2011 : Project begins.
- April 2011 : Committee is organized and information collection begins.
- August 2011 : Set up Home Page and begin to gather contribution funds to write, edit, publish etc.
- November 2011 : (Current Plan) - Put the book into the market for sale as well as a Digest.

## Brief description of the "Fukushima Project" Committee Members

### Chief Founder

## Hiroyuki Mizuno

Doctor of Science (Ph.D.)  
Osaka Electro-Communication Vice President  
Hiroshima Prefectural Institute of Industrial Science and Technology Director

Born in 1929. In 1952, after graduating from Kyoto University's Faculty of Science he acquired employment at Matsushita Electric Industrial Co., Ltd.. In 1985, he became a director at Panasonic. In 1990, he received the sole responsibility for activities related to technology when he became a Vice-President (at Panasonic). He served as a representative of the US-Japan Semiconductor Council (having understood the changes that occurred during the IT Revolution). After retiring from Panasonic in 1993, he went to serve as an advising professor at Stanford University, Georgetown University, Ritsumeikan University, Ryukoku University etc., and has been engaged in research activities in both the US and Japan as well as Served as Vice President at Kochi University of Technology. He is currently a Vice President of Osaka Electro-Communication, serves on the Board of Directors at Hiroshima Prefectural Institute of Industrial Science and Technology, Professor Emeritus at Kochi University of Technology, an Adviser to the Shiga Prefecture local government, Chairman at the Japan Productivity Center for Technology Management, serves on the Board of Directors at Konami, Chairman of the Technical Advisor Japan E-Si, Senior Adviser at Olympus Capital Holdings, serves on the Board of Directors at 45 Corporation and serves as an Adviser to Intellectual Ventures Japan, etc.

### Editorial Chairman

## Yoshio Nishimura

Doctor of Engineering (Ph.D.)  
Visiting Professor, Waseda University  
Advisor to the President, Tokyo Institute of Technology

Born in 1942. He received the B.E., M.E. and Ph.D. degrees in electronics, all from the Tokyo Institute of Technology, in 1965, 1967, and 1971, respectively. From 1967 to 1968, he studied at the Solid-State Electronics Research Center of the University of Montpellier, France. During his doctoral studies, he was engaged in research on microwave semiconductor devices and semiconductor lasers. In 1971, he joined Nikkei-McGraw-Hill, Inc. (presently Nikkei Business Publications, Inc.), where he experienced editor-in-chief of the Nikkei Electronics magazine, publisher of various publications and R&D bureau director. From 2002 to 2003, he was with The University of Tokyo as a professor of The Graduate School of Engineering. From 2004 to 2009, he was an auditor of Tokyo Institute of Technology. Also from 2004 to present, he is a visiting professor of Waseda university, where he has been engaged in the education of journalists in the Graduate School of Political Science. During these years, he has also been with Nikkei Business Publications Inc. as an editorial advisor. From 2009 to present, he serves to Tokyo Institute of Technology as a special advisor to the president.

• He is the author of books such as "Technology and Culture of Silico-Lithic Age" (Nihon Keizai Shimbun, 1985), "Future of Semiconductor Industry" (Maruzen, 1995), "Industry-University Collaboration" (Nikkei Business Publications, 2003), "Information Industry" (University of Air Publications, 2004), and "Education of Journalists in Science and Technology" (TDU Publications, 2010).

### Committee Chairman

## Eiichi Yamaguchi

Doctor of Science  
Professor, Department of Technology and Innovative Management, Doshisha University  
Deputy Director of ITEC (Institute for Technology, Enterprise and Competitiveness)

Born in 1955. He graduated from Department of Physics, Faculty of Science, the University of Tokyo in 1977. He received D.Sc. degree in Physics from the University of Tokyo in 1984. He joined NTT in 1979 and worked for the Musashino Electrical Communication Laboratories. From 1984 to 1985, He worked as a Visiting Scholar at University of Notre Dame in U.S.A. From 1986 to 1998, he was a Senior Research Scientist, Supervisor, of NTT Basic Research Laboratories. Between 1993 and 1998, he was invited to be a Chief Scientist of IMRA Europe in France. From 1999 to 2003, he was an Executive Fellow of the 21st Century Public Institute at the Federation of Economic Organizations. In 2003, he was appointed to be a Professor of Doshisha University. From 2006 onward he has been serving as an Adjunct Fellow of CRDS (Center for Research and Development Strategy) at Japan Science and Technology Agency. From 2008 to 2009, he served as a Visiting Fellow of Clare Hall at the University of Cambridge in U.K. He founded venture startup companies such as ArcZone (1998), Powdec (2001) and ALGAN (2005), and serves on the board of directors for them.

• Main Works Include "Root for the JR Fukuchiyama Train Incident -- Rethinking Corporate Social Responsibility from Science" (NTT Publication, 2007), "Recovering from Success: Innovation And Technology Management in Japan" (Oxford University Press, 2006) Co-Author, "Innovation and Disruption and Resonance" (NTT Publication, 2006), "The Science Industry" (NTT Publication, 2003) Co-Author, "The Test Tube in the middle of the Sun" (Kodansha, 1993) "Synthesis and Properties of Boron Nitride" (Trans Tech Publication, 1990) etc.

### Committee Member

## Hiroyuki Kawai

Lawyer  
Co-Partner at Sakura Kyodo Law Offices

Born in 1944. In 1968, received undergraduate degree in Law from Tokyo University. In 1970, became a registered Lawyer. In 1972, established Sakura Kyodo Law Offices. In 1977, studied abroad (short-term at the Dallas International and Comparative Law Center. In 1986 and 1987, served as Chairman at the Second Tokyo Bar Association. Specialized in Collective Debt management, Debt Collection, Company Law Relations, International Transaction Relations, intellectual property rights such as copyrights, industrial property, patent, trademark, as well as dealt with the Douglas Grumman case, relations dealing with the acquisition of abandoned Chinese Orphans, Head of the Lawyer's Association area responsible for the suspension lawsuits against the Hamaoka Nuclear Power Station (He happens to be a Guru in this field), Chairman of a group which supports the National Acquisition of abandoned Chinese orphans, on the board of directors of a supporting foundation of the FASF Corporate abandoned Chinese orphans, a representative for the board of directors for a natural energy dot com company, Auditor of Save the Children Japan (Public Association) as well as serves as the Vice President of the Japan Federation of Bar Associations' Commission for Environmental Pollution Control etc..

Committee Member

## Shunji Iio

Ph.D.

Associate Professor at of Nuclear Reactor Engineering at Tokyo Institute of Technology

Born in 1955. In 1978, graduated from the Department of Physics at Tokyo University. In 1983, completed his Doctoral degree in Physics at Tokyo University and following his graduation he received employment at the Japan Atomic Energy Research Institute and joined a group which conducted experiments using the JT-60 (A Large sized Tokamak Device). He also did research on and performed other duties related to the maintenance on the instrument measuring devices, particle confinement, energy confinement, H-mode, and studies related to properties of Divertors. During this time, he was sent abroad twice (once for an 8 month period between 1985-1986 working with JET Undertaking in England and again for a 2 month period in 1990 working at the Princeton Plasma Physics Laboratory in America). In 1992, he became the Vice Senior Researcher at the Japan Atomic Energy Research Institute, was Group leader for "research on Particle Impurities Control and Plasma Boundaries" and therefore, in charge of, and lead, experiments which used the JT-60. In 1995, became an Assistant Professor of the Nuclear Reactor Engineering Graduate Faculty at the Tokyo Institute of Technology. From 2007, his current position (title changed in 2008), Supervisor of the Plasma and Fusion Research Association.

Committee Member

## Morinosuke Kawaguchi

Principal, Associate Director at Arthur D. Little (Japan), Inc.

Born in 1961. Graduated from Keio University's Faculty of Engineering with a Bachelors Degree in Applied Chemistry. Received an MS in Chemistry at the University of Illinois at Chicago. Before joining Arthur D. Little, he worked at the Kansai Research Institute, a technology consulting firm focusing on evaluating the marketability of each type of manufacturing technology, building technology strategy, setting IP strategy. Prior to becoming a consultant, he worked as an engineer for 15 years at Hitachi Co. Ltd, where he gained experience in product development, as well as materials and production technology R&D for their OA equipment, household appliances, and heavy industry equipment businesses. Kawaguchi is Principal, Associate Director for Arthur D. Little (Japan), Inc, the global strategy consulting firm. His main areas of expertise include an array of strategic issues focusing on the electronics, precision instruments, machine and chemical manufacturing industries. He is an expert in Management of Technology (MOT), Intellectual Property Management (IPM), and Technology and Innovation Management (TIM) in various industries such as telecommunications, electronics and the car industry. His book "Otake de onnanoko na kuni no monozukuri" received the Nikkei BP BizTech Book Award in 2008. This book has been translated into Korean, Chinese, Thai and English.

Committee Member

## Tomohiro Nakamori

Nikkei BP Consulting Chief Strategist / Producer

Born in 1959. After graduating from Waseda University with a Degree in Applied Chemistry, became employed at OKI's Research Laboratories performing research related to thin-film devices, crystal growth method etc.. In 1989, since joining Nikkei Business Publications, Inc. he served as a reporter for the Nikkei Electronics Magazine since he was involved with R&D, consumer electronics, displays, peripherals, and other fields related to electronic devices. In addition, over the years he also served as an Magazine Associate Editor (Nikkei Electronics Magazine), Editor-in Chief of Nikkei Mechanical (Now known as Nikkei Monozukuri), Editor-in Chief of Nikkei Automotive Technology, Editor-in Chief of Nikkei BizTech, Editor-in Chief of NVC Online and served on the Editorial Board of the Bureau of Electronics and Mechanics. Since 2010, (current position) he has been working at the Tokyo Institute of Technology as a Part-time Lecturer and Program Officer, Supervisor of the Nanotechnology Forum at Waseda University, Technical Evaluation Committee Chairman for the New Energy and Industrial Technology Development Organization (NEDO), among other endeavors.

Committee Member

## Koujiro Honda

Doshisha University ITEC Research Assistant

In 1995, he graduated from the Tokyo University of Agriculture with a degree in Bio-active Substances from the Engineering Department. In 1997, graduated from the Applied Sciences Biological Systems Master's Program at Doshisha University before entering the Ph. D program. In the same year he was accepted to the Philosophy of Science Undergraduate Program at Hokkaido University. In 2000, he graduated and then went back for his Masters in Thought Cultural Studies. In 2003, he graduated and then progressed to the Doctoral Program in the same field. In 2008, after completing a few courses in the Ph. D program he decided to take some time off. From 2005-2008, he worked as a Full-time Lecturer in the Basic Education Department at the Kanazawa Institute of Technology. From 2008-2011, he worked as a Full-time Lecturer in the Business Department at Doshisha University. Currently, he is working on various research activities as a Research Assistant in the ITEC Department at Doshisha University.

## Information regarding Contributions

We would like humbly request any contributions that can be made  
in order to bring this "Fukushima Project" to fruition.

\* Donations no matter how small (even if its just 1Yen) are greatly welcomed and appreciated.

Information is provided below for those who wish to contribute to our cause:

Please Refer to the information below for details on how to transfer donations as provided

Detailed uses of how this money will be spent can be found under the "Project Outline" and "Plan for Publication" sections.

### For transfers from Japan Post Bank

Japan Post Bank

Code Number: 10130

Account Number: 38575831

Name of Account Holder:

フクシマプロジェクトインカイ

Fukushima Project Committee

### For Transfers from other Financial Institutions

Japan Post Bank

Branch: 018

Account Type: Regular Savings

Account Number: 3857583

Name of Account Holder:

フクシマプロジェクトインカイ

Fukushima Project Committee

We will add all names of people and/or organizations who make donations  
in the Acknowledgments section in the back of our completed work.  
After completing the transfer of funds, please go to the "Register Information" page  
and include any necessary information that you would like to have recorded.