

DOCKETED

Docket Number:	12-AFC-02
Project Title:	Huntington Beach Energy Project
TN #:	203259
Document Title:	Jim Stewart, PhD Comments: HBEP Will Create Huge Unmitigated Impacts
Description:	N/A
Filer:	System
Organization:	Jim Stewart, PhD
Submitter Role:	Public
Submission Date:	10/24/2014 4:46:11 PM
Docketed Date:	10/24/2014

Comment Received From: Jim Stewart, PhD

Submitted On: 10/24/2014

Docket Number: 12-AFC-02

HBEP Will Create Huge Unmitigated Impacts

Attached are my comments and resume

Additional submitted attachment is included below.

Jim Stewart, Ph.D.

1216 S. Westlake Avenue, Los Angeles, California 90006

Ph: (213) 487-9340 Cell: (213) 820-4345 Fax: (310) 362-8400 Email: Jim@EarthDayLA.org

Education M.S. Urban Studies Southern Connecticut State Univ., New Haven, Connecticut
Ph.D. Physics Yale University, New Haven, Connecticut
M.S. Physics Yale University, New Haven, Connecticut
B.S. Physics Iowa State University, Ames, Iowa

Experience Adjunct Professor, University of the West, Rosemead, CA (current)

Teaching physical science and biology courses.

President, Quanta Fuel Technologies, Inc., Los Angeles, CA

Directing innovative fuel treatment company to reduce vehicle smog emissions.

Vice-President, Marketing and Environmental Policy, PODenergy Inc., Ventura CA

Developing marketing strategy and environmental policy for PODenergy which has developed methods to use natural biological processes to produce abundant renewable energy, improve ocean health, reduce global warming, and feed the world's people.

Past positions:

Organizing Director, Earth Day Los Angeles

Co-founded a large environmental coalition to organize Earth Day Los Angeles, involving environmental, community and religious groups as well as new technologies.

Chief Environmental Scientist, Best Technology Company, Santa Monica, CA

Preparing environmental and technical analyses for development and installation of water treatment systems for scale removal, including desalination.

Vice President, United Solar Guide, Los Angeles, CA

Analyzing technology performance characteristics and developing marketing plan for innovative passive solar window covering called SOLARGUIDE, helping to save energy and provide daylighting to indoor environments.

Executive Director, People for Parks, Los Angeles, CA

Directing the only non-profit agency focusing exclusively on parks and recreation advocacy in Los Angeles County. Working with state, county and city agencies and community groups to develop school-community parks, community gardens, fitness programs, and training classes.

Sustainability Consultant, Loreto Bay Company

Preparing the Corporate Sustainability Report, including analysis and recommendations for energy conservation, preparing plans for project to be carbon neutral, conserve water, and protect habitat.

Associate Director, Southern California Council on Environment and Development

Co-founded the Council to bring together representatives of government, business, academia, environmental and community groups to design plans for a sustainable Los Angeles. Organized, facilitated and documented nine conferences and many forums. Analyzed issues and wrote position papers on transportation, energy, water, waste, open space and other environmental topics.

Planning Director, Campaign for the Earth, Boulder, CO

Designed publications and NGO conference at the 1992 Earth Summit in Rio de Janeiro.

Consultant, Washington, DC,

Provided a variety of consulting services, including the following:

Producing conference reports for the E.I. Du Pont Company, U.S. Agency for International Development, U.S. Department of Agriculture, Cultural Center of the Dalai Lama, Global Tomorrow Coalition, Center for Soviet-American Dialogue, etc.

Facilitating team building, goal setting, task definition and timeline design for a variety of clients. Also coordinating a large conference for the Association for Humanistic Psychology.

Senior Consultant, Technology Transfer, Toronto, Ontario

Worked in technical communications, developing proposals and creating designs for computer operations and training manuals for major financial institutions.

Curriculum Developer, Training Inc., Chicago, Illinois

Designed and taught innovative curriculum in data processing and business skills for welfare recipients and other unemployed persons.

Executive Director, Connecticut United Labor Center, Hartford, Connecticut

Established a multi-purpose social agency serving the labor movement of Connecticut. Hired and supervised staff providing counseling services, volunteer training, job placement for the handicapped, and coordination of labor and government training programs.

Executive Director, Connecticut Human Services Reorganization Commission, Hartford, CT

Implemented a legislative mandate for a comprehensive state human services plan, involving the departments of Aging, Children and Youth, Correction, Education, Health, Human Resources, Income Maintenance, Labor, Mental Health, Mental Retardation, and Policy and Management. The plan addressed improved coordination of services delivery, policy, budgeting, management and personnel procedures. Worked with the state legislature to pass implementing legislation. Responsible for hiring and supervising twelve staff and consultants.

Assistant Professor, Physics Department, University of New Haven, Connecticut

Designed and taught courses in physics for engineering, physics and liberal arts majors, as well as for non-degree students. Specialized in developing innovative lab experiments.

Captain, U.S. Army Signal Corps Research Laboratory, Ft. Monmouth, New Jersey

Performed research in chemical physics, involving dynamic nuclear polarization studies of fluorobenzene molecules, publishing four papers.

Assistant in Research, Department of Physics, Yale University, New Haven, CT

Performed nuclear physics research involving the photodisintegration of light nuclei, publishing five papers including the doctoral dissertation, Photodisintegration of He³.

Environmental Reports

Comments and recommendations on the California Air Resources Board Scoping Plan for the implementation of the Global Warming Solutions Act of 2006 (AB 32), November 19, 2008.

Southern California Council on Environment and Development (SCCED), "Report of Town Meeting for the World Summit on Sustainable Development," Santa Monica, June 29, 2002

SCCED, "Buying Recycled and Eco-Friendly Products," September 27, 2001, El Monte
SCCED, "Latest Developments in Best Practices for Waste Management," September 27, 2000, Diamond Bar

SCCED, "Building Sustainable Cities," Santa Monica, May 11, 2000.

SCCED, "The State of the World and the Region -- Five Years After the Earth Summit," featuring Lester Brown, President of Worldwatch Institute, Los Angeles, March 22, 1997.

SCCED, "Environmentally Sustainable Energy," A National Town Meeting/Teleconference presented by Renew America, plus a local panel, Pomona, California, February 19, 1997.

The U.S. Citizens Network for Habitat II, "The Southern California Town Meeting in Preparation for the U.N. City Summit," Los Angeles, January 27, 1996.

SCCED, "Towards a Sustainable Future for Southern California," plus "1995 State of the Local Environment and Economy Report," Los Angeles, April 18, 1995

South Coast Air Quality Management District (SCAQMD), "The Economy and the Environment," Diamond Bar, California, March 24, 1995.

SCCED, "Building Sustainable Communities in Southern California," plus "1994 State of the Local Environment and Economy Report," Los Angeles, April 18, 1994.

U.S. Agency for International Development (USAID), Center for University Cooperation in Development, Dallas, Texas, November 1993.

Cultural Center of the Dalai Lama, "International Conference on Ecological Responsibility: A Dialogue with Buddhism," New Delhi, India, October 1993.

Global Structures: "Environment and Development," Washington, DC, Feb. 1992.

USAID, "Environmental Strategies," Washington, DC, Dec. 1990.

"North American Conference on Religion and Ecology," Chautauqua, NY, April 1991.

Campaign for the Earth, Gothenburg, Sweden, October 1990.

E.I. Du Pont Co., "Textile Technology Division Planning Conferences," Ft. Myers, FL, March 1990, and Asheville, North Carolina, July 1990.

"Soviet-American Citizens' Summits," Washington, DC, January 1988 and Moscow, USSR, January 1990.

**Scientific
Publications**

Negative carbon via Ocean Afforestation, N'Yeurt, A.de R., Chynoweth, D.P., Capron, M.E., Stewart, J.R., Hasan, M.A. *Process Safety and Environment Protection*, **90**, 467 (2012).

Elastic and Inelastic Electron Scattering from Mn⁵⁵, H. Theissen, R.J. Peterson, W.J. Alston, and J.R. Stewart, *Phys. Rev.* **186**, 1119 (1969).

Dynamic Polarization of Fluorine by Selected Free Radicals, E.H. Poindexter, J.R. Stewart, and P.J. Caplan, *J. Chem. Phys.* **47**, 2862 (1967).

Dynamic Enhancement of Fluorine Nuclear Magnetic Resonance: Some Effects of Chemical Environment, J.R. Stewart, E.H. Poindexter, and J.A. Potenza, *J. Am. Chem. Soc.* **89**, 6017 (1967).

Dynamic Polarization on Hexafluorobenzene Solutions, E.H. Poindexter, J.R. Stewart, R.J. Runge, and D.D. Thompson, *J. Chem. Phys.* **44**, 4059 (1966).

Phototritons from Li⁶, N.K. Sherman, J.R. Stewart, and R.C. Morrison, *Phys. Rev. Letters* **18**, 31 (1966).

Photodisintegration of He⁴, H.G. Clerc, J.R. Stewart, R.C. Morrison, *Phys. Rev. Letters* **16**, 316 (1965).

Total Photoproton Cross Section and Branching Ratios in the O¹⁶ Giant Resonance, R.C. Morrison, J.R. Stewart, and J.S. O'Connell, *Phys. Rev. Letters* **15**, 367 (1965).

Photodisintegration of He³, J.R. Stewart, R.C. Morrison, J.S. O'Connell, *Phys. Rev.* **138**, B372 (1965).