JOHN McCAIN
ARIZONA

CHAIRMAN
COMMITTEE ON INDIAN AFFAIRS
COMMITTEE ON ARMED SERVICES
COMMITTEE ON COMMERCE, SCIENCE, AND TRANSPORTATION

United States Senate

241 RUSSELL SENATE OFFICE BUILDING
WASHINGTON, DC 20510-0303
(202) 224-2235

5353 NORTH 16TH STREET
SUITE 105
PHOENIX, AZ 85016
(602) 952-2410

4703 SOUTH LAKESHORE DRIVE
SUITE 1
TEMPE, AZ 85282
(480) 897-6289

407 WEST CONGRESS STREET
SUITE 103
TUCSON, AZ 85701
(520) 670-6334

TELEPHONE FOR HEARING IMPAIRED
(602) 952-0170

November 14, 2005

Mr. William Outlaw
Director, Congressional Affairs
U.S. Nuclear Regulatory Commission
One White Flint North
Rockville, MD 20852-2738

Dear Mr. Outlaw:

I wish to bring to your attention a matter concerning Conrad Golich who would like to share his information on radioactive waste.

Because the situation is under your jurisdiction, I am respectfully referring this matter to you for consideration. I feel that this issue would be better addressed by you and request that you respond directly to Mr. Golich.

Thank you.

Sincerely,

John McCain
United States Senator

JM/xcs
Enclosure(s)

PRINTED ON RECYCLED PAPER

THE FARALLON PROJECT
CONRAD F. GOLICH
RADIOACTIVE WASTE MANAGEMENT CONSULTANT
RADWASTENOT@WEBTV.NET 480-425-8957

TO: U.S. SENATOR JOHN McCAIN DATE: NOV. 4, 2005
FR: CONRAD GOLICH
RE: TWO INVENTIONS TO SOLVE RADIOACTIVE WASTE PROBLEMS

ENCLOSED 8 PAGES FROM MY FILES OF 20 YEARS EXPERIENCE ABOUT RADIOACTIVE WASTE.

THESE TECHNICAL SOLUTIONS CAN SAFELY SECURE "RADWASTE" ANYWHERE, AND NEUTRALIZE IT ALSO.

IT CAN ELIMINATE THE NEED FOR A YUCCA MOUNTAIN DUMP SITE!

R.S.V.P.

Conrad Golich
4702 N. 73 RD ST. #33
SCOTTSDALE, AZ 85251

THE FARALLON PROJECT

RADIOACTIVE WASTE MANAGEMENT

[redacted]

PROJECT DESCRIPTION

1. PROBLEM

At the Farallon Island radioactive waste disposal site on the ocean floor, about twenty miles northwest of San Francisco, there are some 50,000 barrels of low-level "radwaste" containing organic materials and lab animal remains. There are also 150 concrete blocks with high-level discarded experimental reactor parts. The dumpsite was used initially after atomic bomb research in the forties, and it continued until the sixties. The radwaste came from a number of bay area sources, including Lawrence Radiation Labs in Livermore.

Government tests in 1975 showed about 25% of the barrels to be imploded or corroded, and leaking onto the ocean floor where core samples indicated high concentrations of radioisotopes. After two Congressional hearings in San Francisco, the federal EPA tests showed Cesium 137 contamination in fish caught from the dump area. California state health department data confirmed the same results.

The Farallon Project was created in 1981, to research and disseminate information about the problem and potential solution of radioactive contamination of our planet. In 1983, it created a coalition of environmental groups that successfully opposed a proposal by the U.S. Navy, to scuttle 100 obsolete atomic subs in the ocean off the northern California coast. Extensive media publicity previously was surpassed by the subdump plan story on an AEC "20-20" television program.

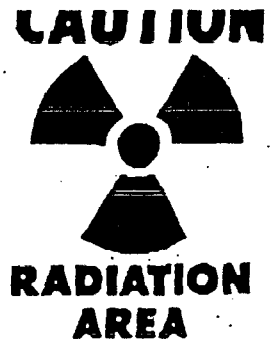
In 1990, the problem again surfaced with a million dollar grant to NOAA for a USGS survey of the site, since it is within boundaries of the adjacent National Marine Sanctuary. Test results have led to plans to thoroughly study fish for contamination and possible danger to human consumption. And corrective action will be sought.

2. SOLUTION

There is a patented invention, called "Seacrete", which may be able to encapsulate the leaking radwaste containers on site. It is DC electricity and wire mesh to precipitate disolved minerals in the ocean. The resulting shell is stronger than concrete, does not corrode, and could provide a safe, interim, and eventually retreivable method of isolating the the radiation from the marine environment and sea life. The same process may be used on land to contain radwaste dumpsites, by using concentrated brine sludge from desalination plants, and generating solar DC current. The present estimate of cleaning up radwaste dumsites is $200 billion dollars.

Implementation will require inclusion in the NOAA studies, the attention of CalEPA, additional research and development by university and private sector scientists, venture capital investment, and possible inclusion as a federal Superfund site. Also under investigation is a transmutation invention nearing patent completion.

ROY PROCESS



-- PRESS RELEASE --

CONRAD GOLICH
RADWASTENOTE@WEBTV.NET
480/425-8957

CONTACT:
DENNIS F. NESTER
4510 E. WILLOW AVE.
PHOENIX, AZ. 85032
(602) 494-9361

-- LETHAL NUCLEAR WASTE CAN BE MADE STABLE AND HARMLESS --

ONE OF THE WORLD'S LEADING NUCLEAR PHYSICISTS HAS DISCOVERED A METHOD TO COMPLETELY NEUTRALIZE RADIOACTIVE NUCLEAR WASTE. RENDERING IT STABLE AND 'HARMLESS' WITHIN A MATTER OF DAYS.

(A.S.U.)

DR. RADHA R. ROY, PROFESSOR OF PHYSICS, REVEALED RESEARCH WHICH SHOWS IT CAN BE DONE 'NOW' WITH EXISTING TECHNOLOGY AND MACHINERY AVAILABLE THROUGHOUT THE WORLD. NEUTRALIZING NUCLEAR WASTE WOULD ALSO SAVE TAX PAYERS HUNDREDS OF BILLIONS OF DOLLARS WHEN COMPARED TO BURIAL. IT WOULD TAKE UP TO 240,000 YEARS FOR 'BURIED' NUCLEAR WASTE TO DECAY TO 'SAFE' LEVELS OF RADIATION UNDER CONTROLLED, SUPERVISED CONDITIONS. THE COST OF WHICH IS INESTIMABLE!

THE NATIONAL RESEARCH COUNCIL STATED IN A JULY 18, 1990 REPORT THAT THE GOVERNMENT'S PLAN TO BURY NUCLEAR WASTE WAS "BOUND TO FAIL" AND THAT SAFE BURIAL FOR ONLY 10,000 YEARS, WAS A SCIENTIFIC IMPOSSIBILITY. HOWEVER 'BURIAL' IS GOVERNMENT POLICY AND IT WILL TAKE THE PASSAGE OF A CONGRESSIONAL BILL TO CHANGE IT. NEUTRALIZATION IS A SUPERIOR ALTERNATIVE WHICH WILL TOTALLY ELIMINATE NUCLEAR WASTE, INSTEAD OF HIDING IT UNDERGROUND, THREATENING THE GENE POOL OF THOUSANDS OF FUTURE GENERATIONS.

THE U.S. DEPARTMENT OF ENERGY REPORTED RECENTLY THAT HYDROGEN GAS IS BUILDING UP AT THE HANFORD NUCLEAR RESERVATION, POSING AN IMMINENT EXPLOSION THREAT. THE RUSSIAN NUCLEAR WASTE DUMP IN THE URAL MOUNTAINS, EXPLODED IN 1959. EYE WITNESS ACCOUNTS SPOKE OF MANY DEATHS. THE TEMPORARY NUCLEAR WASTE HOLDING FACILITIES IN THE U.S. ARE ALL NEAR OR AT CAPACITY. NO STATE WANTS TO BECOME A NUCLEAR WASTE DUMP!

NEUTRALIZATION IS THE SOLUTION TO THE NUCLEAR WASTE DILEMMA. TIME IS RUNNING OUT. CONGRESS MUST ENACT AND FUND NEW POLICY.

16 November 1994

THE FARALLON PROJECT
Conrad Golich
[redacted]

U.S. Senator Barbara Boxer
SH-112 Hart Senate Office Bldg.
Washington, DC 20510-0505

Dear Senator Boxer:

Enclosed is a copy of my letter to Mr. Curl of NOAA in Seattle, offering my services if desired as a consultant on the survey still in process. I have been patiently waiting for some eighteen years to get some definative data, so I suppose a while longer will do!

I did have an informative conversation with Janet Hashimoto in the San Francisco EPA office, who indicated her concerns that additional research be clearly defined ahead of time, prior to release of more funding. I certainly agree, and if I can be of help on that, please indicate your wishes to any concerned parties. Janet mentioned a need to collect appropriate samples, and said that involvement by Battelle from Hanford could be a good idea--which I also most certainly agree with.

Also enclosed is a copy of material about my book on the Farallons, which I hope you will enjoy looking at. Of course, since it was last updated in 1988, it will have to be reworked to include your much appreciated efforts in getting the testing started in 1991. If you would find it agreeable, a note from you to that effect would be appreciated in my efforts to arrange for a publisher.

In addition to the material about the "Seacrete" containment system for toxic wastes, I also have information about a patent-pending invention which claims to be able to neutralize radiation. It is from an Arizona State physics professor (whom I've met), who says he can transmute long-lived isotopes (like Plutonium) into short-half-life elements like Iodine. Please inform me of who in DC would be the most appropriate person to contact about giving them this data. I understand there is a woman in the environmental area for Vice President Gore (Susan McClatchy?) who might be interested. She is known to both Lewis Seiler (of Tiburon who headed our project during the Navy "subdump"problem) and Tim Hermach of the Native Forest Council in Eugene, Oregon (whom I have helped on issues about the Montana forests).

I really enjoyed seeing you at the rally on television, holding hands with Brown and Clinton. And remember, I don't want to see you in the senate as long as possible (term limits and all), I want to see you in the house as soon as possible--you know, that big White one...

God bless you,

Conrad

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NINETY-SIXTH CONGRESS

Congress of the United States

House of Representatives

ENVIRONMENT, ENERGY, AND NATURAL RESOURCES
SUBCOMMITTEE
OF THE
COMMITTEE ON GOVERNMENT OPERATIONS
RAYBURN HOUSE OFFICE BUILDING, ROOM B-371-B-C
WASHINGTON, D.C. 20515

Mr. Conrad F. Golich
P. O. Box ~~267~~ 412
Bolinas, California 94929

October 27, 1980

Dear Mr. Golich:

We want to thank you for your assistance in calling the attention of Congress to the nuclear waste ocean dumping issue, of which the Farallon site may be only the tip of the iceberg.

From the hearing on October 7th, we believe all of us agreed that certain things should now happen:

(1) EPA, NOAA and NRC should work out a clear agreement as to how the monitoring of the Farallon sites should proceed and what funding is required.

(2) DOD and DOE should be required to add to the public domain all information available on previous dumping of radioactive materials or wastes. If any information is classified, the Subcommittee should be so advised.

(3) The diving research work performed by Project Tektite, a non-profit organization should be reviewed by EPA, NOAA and NRC, and the future cooperation and work of Project Tektite should be utilized by the Government to every extent practicable.

(4) The USGS should be asked whether any unique hazard could result from the impact of an earthquake on the Farallon dumpsite.

(5) The California State Department of Health should establish an advisory committee of scientists and public interest group representatives to advise, assist and monitor such programs as EPA, NOAA and the NRC may agree upon.

(6) The House Subcommittee should continue its active oversight of the issue until steps (1), (2), (3) and (4) are completed.

We would welcome any further information or suggestions you feel the Subcommittee should consider.

Sincerely,

Toby Moffett
Chairman

Paul N. McCloskey, Jr.
Ranking Minority Member

THE FARALLON PROJECT

REPORT LIST, RADIOACTIVE WASTE

1. "United States' Sea Disposal Operations, A Summary To Dec. 1956", by Arnold B. Joseph: WASH-734, Radioactive Waste, U. S. Atomic Energy Commission, TISE Oak Ridge, Tenn, August 1957.

2. "Surprising Findings About Plutonium Dangers To Man Reported At The International Atomic Energy Agency Meeting In San Francisco, California-November 17-21, 1975": Summarized by John C. Cobb, M.D., M.P.H., University of Colorado Medical School, Denver.

3. "A Survey Of The Farallon Islands 500-Fathom Radioactive Waste Disposal Site": Operations Report, ORP-75-1, U.S. EPA, Dec 1975.

4. "Environmental Surveys Of Two Deepsea Radioactive Waste Disposal Sites Using Submersibles": IAEA-SM-207/65, by R.S. Dyer, Office of Radiation Programs, U.S. EPA, Presented at the International Symposium on the Management of Radioactive Wastes from the Nuclear Fuel Cycle, IAEA, Vienna, 22-26 March 1976.

5. "Radionuclides In The Marine Environment Near The Farallon Islands": UCRL-52381, Victor E. Noshkin et al, Lawrence Livermore Laboratory, January 6, 1978.

6. "Environmental Protection Agency, 40 CFR Parts 220-229, Ocean Dumping; Revision of Regulations and Criteria": Draft, September 21, 1981, Reproduced by California State Senate Select Committee on Coastal Fisheries and Aquaculture, Senator Barry Keene, Chmn.

7. "U.S. Navy Plans To Scuttle Nuclear Submarines": Key Documents, February 5, 1982, Reproduced by California State Select Committee on Fisheries and Aquaculture, Senator Barry Keene, Chairman.

8. "Written Suplement To Verbal Statement Given To (U.S.) Interagency Review Group On Nuclear Waste Management In San Francisco, 7/21/78": by Conrad F. Golich of The Farallon Project, 3 Aug 1978.

9. "Nuclear Waste Management": by Conrad F. Golich of The Farallon Project, Presented at hearings by the Subcommittee On Environment, Energy, And Natural Resources Of The Committee On Government Operations Of The United States House Of Representatives, San Francisco, 7 October 1980.

10. "Radioactive Wastes In The Oceans": by Conrad F. Golich of The Farallon Project, Presented at hearings by the Subcommittee On Oceanography Of The Committee On Merchant Marine And Fisheries Of The United States House Of Representatives, Washington D.C., 20 November 1980.

11. "Radioactive Waste Management": by Conrad F. Golich of The Farallon Project, Presented at hearings by the California Senate Select Committee On Coastal Fisheries And Aquaculture On Senate Joint Resolution No. 27, Relative To Radioactive Waste, Sacramento, California, 13 January 1982.

THE PARALLON PROJECT

REPORT LIST, RADIOACTIVE WASTE (Page 2)

12. "The Plutonium Mess On Marin's Doorstep": by Conrad F. Golich of The Farallon Project, Presented at hearings on Radioactive Waste In The Ocean by the California Joint Committee On Fisheries And Aquaculture, San Francisco, California, 8 August 1982.

13. "Commentary On DEIS, Disposal Of Decommissioned, Defueled Naval Submarine Reactor Plants": by Conrad F. Golich of The Farallon Project, Submitted to Captain Edward F. Wagner, U.S. Navy, Office of the Chief of Naval Operaions (OPNAV-22), Department of the Navy, Washington D.C., 20350, 30 June 1983.

14. "The Environmental Impacts Of Nuclear Weapons Design And Production, Prime Example: The Farallon Island Radioactive Waste Dump Site": by Conrad F. Golich of The Farallon Project, Presented to San Francisco Bay Chapter, Sierra Club Conference, Livermore, California, March 11, 1989.

15. "Nuclear Waste Management, IP0075, Radioactive Waste Disposal Site Selection: Selected References": Congressional Research Service, The Library of Congress, February 4, 1981.

16. "Federal And State Authority To Regulate Radioactive Waste Disposal And Transportation": Report No. 82-52 A 766/112a, by Richael V. Seitzinger, Legislative Attorney, American Law Division, Congressional Research Service, The Library of Congress, May 21, 1980, Updated May 11, 1982.

17. "Nuclear Waste Management, Issue Brief Number IB75012": by Carl E. Behrens, Environment and Natural Resources Policy Division, The Library Of Congress, Congressional Research Service, Major Issues System, Originated 02/24/75, Updated 11/29/82.

18. "Preoperational survey of the proposed area for sea disposal of the low-level radioactive wastes, and the study on solidified waste packages": (Source and author unknown), Japan, November, 1979.

19. "Legal Constraints On Ocean Disposal Of Nuclear Wastes: Recent Developments, The Japanese Proposal, And Current Options": by Jon Van Dyke, Professor of Law, University of Hawaii, and Research Associate, Environment and Policy Institute, East-West Center; for the Second Pacific Islands Conference, Raratonga, Cook Islands, August 7-10, 1985.

20. Letter to Professor Jon Van Dyke about radioactive waste, at Richardson School of Law, University of Hawaii at Manoa, Honolulu, Hawaii: from Conrad F. Golich of The Farallon Project.

21. "The Fire Unleashed": Transcript of ABC News television show #125, June 6, 1985.

22. "Final Environmental Impact Statement On The Disposal of Decommissioned, Defueled Naval Submarine Reactor Plants": (3 Volumes) United States Department of the Navy, May 1984.

The Maui

Council committee takes long look at toxic waste issues

By DAVE DeLEON
Staff Writer

WAILUKU — The County Council's Planning Committee fine-tuned its reviews of the Kihei Research and Technology Park and the controversial Kihei Light Industrial Park yesterday.

The committee spent much of its time reviewing ordinances for the 150-acre first phase of the Kihei Research and Technology Park. The biggest concern was how to avoid environmental hazards that might be created by the occupants.

Council Member Wayne Nishiki questioned Maui Economic Development Board President Donald Malcolm in depth about the safeguards built into the ordinance.

Malcolm told Nishiki it would be impossible to ensure that the R&T park occupants will not create any toxic waste. The MEDB's goal is to "minimize any risks. Make them next to zero."

Nishiki suggested that each business moving into the park first go through the public hearing process so the community knows what it is up to. From a business point of view, that would make the project less competitive in terms of attracting tenants, Malcolm replied. It would add six months to the approval process.

Nishiki also wanted to know what the county's powers would be if a business in an R&T park did classified research for the government and refused to tell the county what kinds of materials it was using, as required by the proposed zoning ordinance.

County Corporation Counsel H. Rodger Betts replied that businesses must fulfill the county zoning requirement or shut down.

"The federal government is not a sacred cow," Betts said.

Nishiki wanted the county to require the cooperation of the federal or state governments in avoiding environmental hazards at the park. Committee Chair Velma Santos, however, replied that the county lacks such legal power.

The committee also heard testimony from California waste management consultant Conrad Golich, who warned the county to be exceptionally cautious.

"Probably the most important question is, if there are going to be any hazardous materials allowed here at all," Golich said. He advised against them.

He also advised against allowing the disposit of any toxic materials on the island. He said that the national experience is there is no such thing as a safe toxic waste dump.

Monitoring wells are like "closing the barn door once the horse is out."

See TOXIC, page A3

Toxic waste by council

Continued from page A1

for hazards must by done and paid for by the public. To expect the businesses in the park to objectively review their situation is "ridiculous."

"He who pays the piper calls the tune," he said of the need for publicly controlled inspections.

The committee deferred action on the R&T park zoning request.

In other action, the committee reviewed a request by a local hui to rezone an 18-acre Kihei Road parcel for light industrial use.

The proposal, which would result in about 50 lots near the busy Kihei Road and Lipoa Street intersection, has met with considerable opposition from the Kihei Community Association. Besides the traffic concern, the association opposes the project because it amounts to spot-zoning in the middle of a planned residential area and because it is too close to Kihei School.

Applicant's attorney Lawrence Ing said, after much debate, his clients have agreed to be "guinea pigs" — they have agreed to a proposed stipulation by Council Member Howard Kihune that the project is

News Wednesday, March 12, 1986

as looked at committee

clude two parking lots for employee parking.

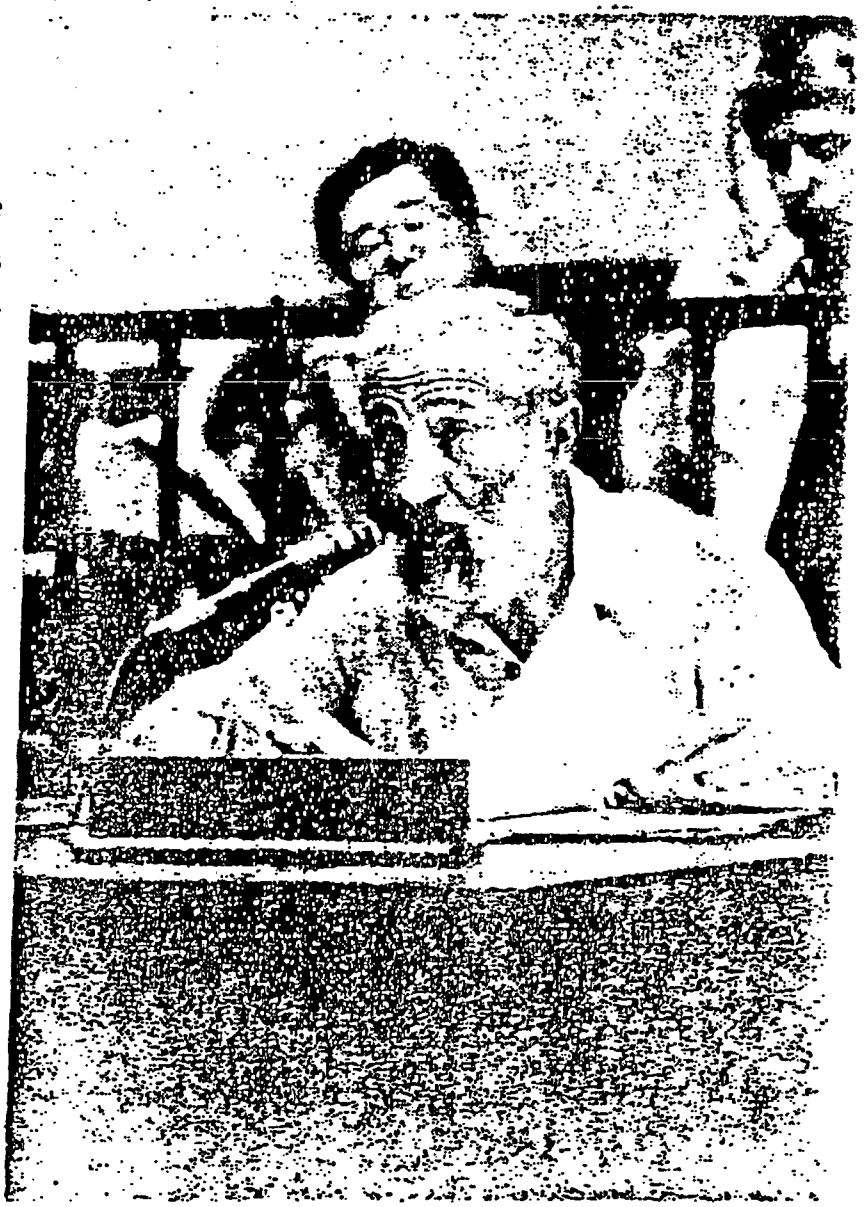
Kihune's parking requirement is based on the realization that the county's parking requirements for light industrial developments are too lenient.

The developers are skeptical, so they offered a counter-stipulation: If 75 percent of the parking stalls in the project are not taken after the third year the project is open, the two lots reserved for parking would be sold for development.

The developers also agreed to build a landscaped, six-foot-high tile wall around the project, to set the project 20 feet back from Kihei Road, to install traffic control lights at its intersection with Kihei Road and to develop left-hand turning lanes in and out of the project.

Committee Chair Santos told Ing to write up a unilateral agreement including all these points. The committee is scheduled to meet with the developers again Monday.

Santos said the council will now prepare to hold a public hearing on the project. The Kihei Community Association has asked the council to hold the meeting in Kihei.



The Maui News / DAVE DeLEON photo

CAUTION ADVISED — California waste management consultant Conrad Gaitch advises the county to prohibit hazardous materials

480/425-8957 [redacted]

RESUME: CONRAD F. GOLICH

PERSONAL: [redacted]

Address [redacted]
Birth October 18, 1934, Sheboygan, Wisconsin
Status Divorced, two teen-aged children
Educa. B.S. Mech. Eng., Grad. Indus. Design, IIT Chicago ('52-'61)

EXPERIENCE:

1976-82 Executive Director, The Farallon Project, Marin County CA: Publicity, Government contacts, Fund-raising, Co-ordination with environmental groups, Report writing, Lectures, and supervision of ten other project personnel. Personally responsible for Congressional hearings on Farallon Island radioactive waste dump site, and for Bay area and national newspaper, magazine, and television coverage. Currently supplying data and interviews for 20-20 special program. During same period, active in local county and community politics as candidate and as West Marin chairman of the Anderson for President campaign in 1980.

1971 Design Engineer, self-employed: research and design in alternate energy systems such as wind, solar, hydraponics, and invention of solar heated inexpensive dome houses.

1970 Technical Writer, IBM San Jose CA: Design documentation for operations of System 3 business computers.

1968 President, Paperfun & Game Co., San Francisco CA: Invention, promotion, and marketing of educational games.

1966 Sales Engineer, Parker Hannifin and Power Mac, San Francisco CA: Technical sales of hydraulic, pneumatic, and magnetic equipment to bay area manufacturing companies.

1963 Technical Writer, Philco and Sylvania, Palo Alto CA: Quality control and fabrication standards for satellite and submarine communications equipment.

1962 Publications Engineer, Lockheed,Sunnyvale CA: Report writing on flight data analysis for Agena Satellites.

1961 Technical Writer, Martin Marietta, Denver CO: Writing operations and launch instructions data for tech manuals.

1959 Technical Writer, Western Electric, Chicago IL: Design specifications writer for telephone office equipment.

1952-58 Research Technician, Armour Research Foundation, Chicago IL: Technical assistant during Co-op student education.

REFERENCES:

Dr. Hal Ross (415-566-9390), Dr. Roger Kotila (415-381-0531), Dr. Jackson Davis (408-429-2784), Assemblyman William Filante (415-479-4920), County Supervisor Gary Giacominni (415-499-7331)