

286 mckinley Ave.  
Brooklyn, NY 11208  
19 October 1982

Mr. Nunzio Pallandino  
Commissioner  
U. S. Nuclear Regulatory Commission  
National Headquarters  
Washington, D.C. 20555

Dear Mr. Pallandino:

I read in the newspaper yesterday that the Reagan administration plans to speed up nuclear power plant licensing by restricting the power of the Nuclear Regulatory Commission staff to order newly developed safety improvements.

I believe that this is a serious mistake and that the Energy Department's plan should be defeated so that the required engineering improvements (backfits) can be implemented to improve power plant safety.

Also, I have a comment on the operation of nuclear power plants.

I think that undertraining of operators and understaffing of control rooms can lead to more dangerous accidents, radioactive spills, etc.

The attached series of pictures from trade magazines gives the impression that

the control room operator is given too many gauges to watch, making it virtually impossible for him to react appropriately when an upset condition occurs.

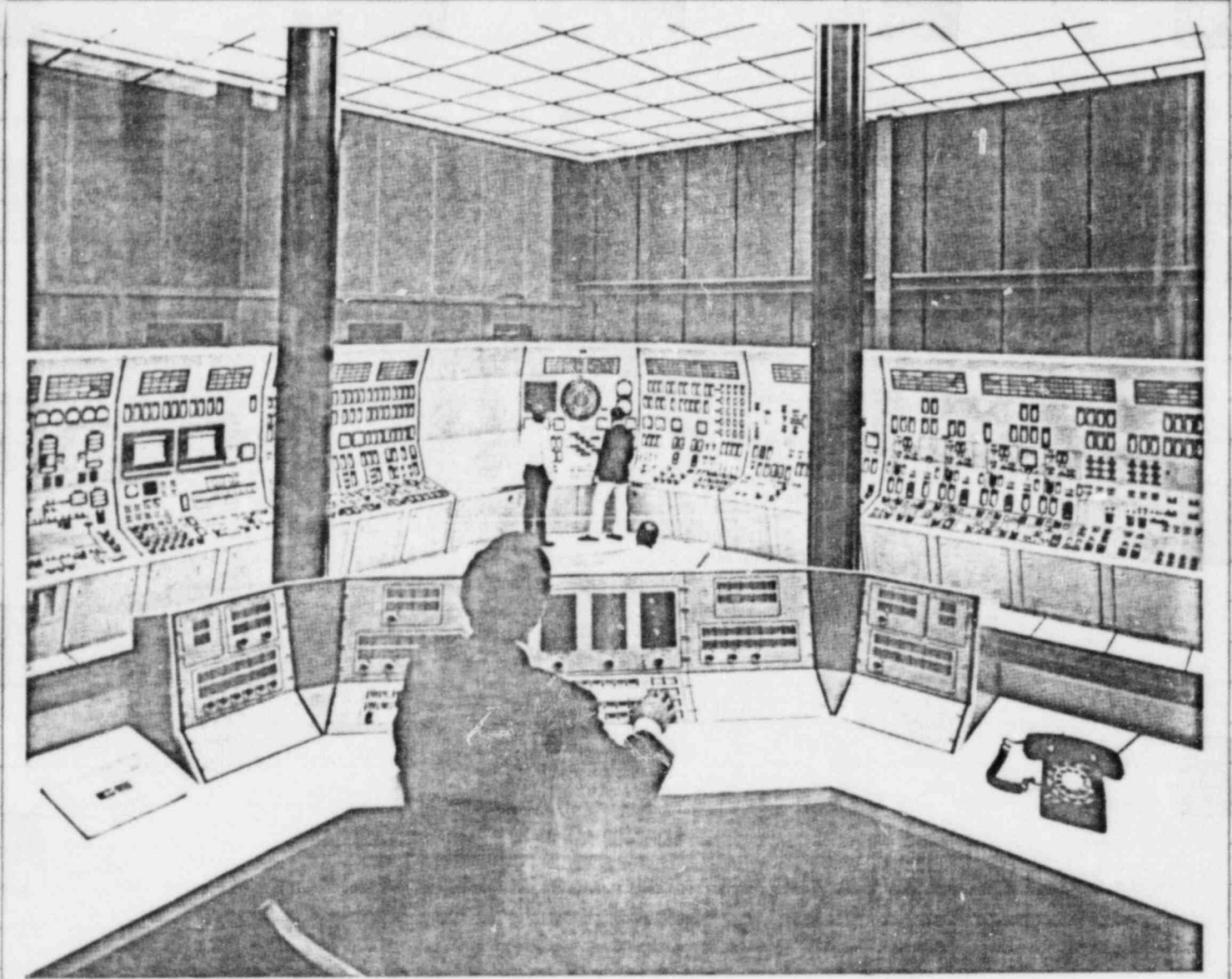
When an upset condition does occur, my impression is that the operator does not know what to do, such as in the Ten Mile Island accident.

The U. S. Navy's nuclear power training program (outline attached) and staffing practices would be a good example for the nuclear industry to follow in order to improve safe operation of its power plants.

Sincerely,  
Joseph A. Cambel

attached: 6 SHEETS

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Pressurized water reactor simulator.

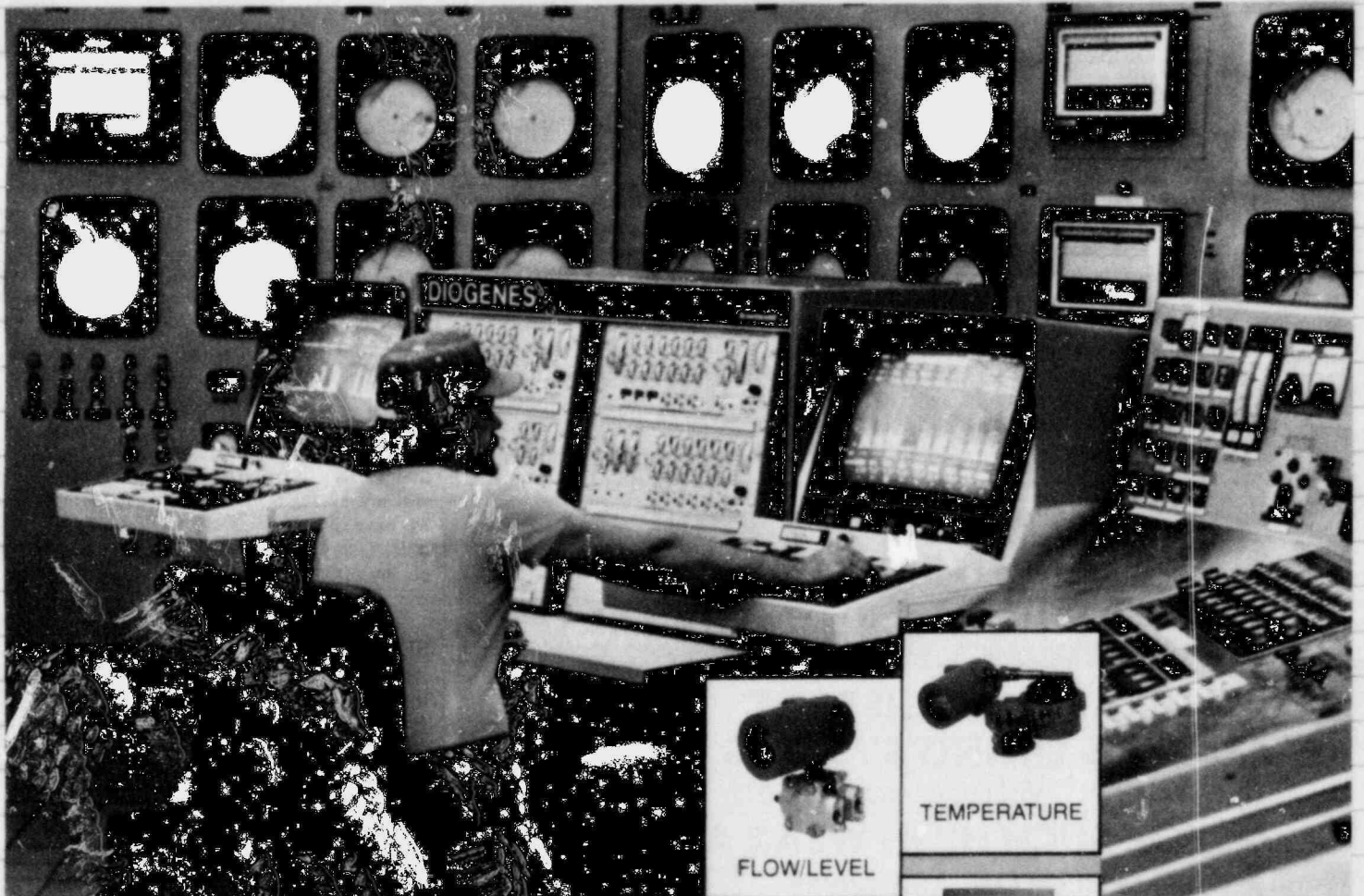
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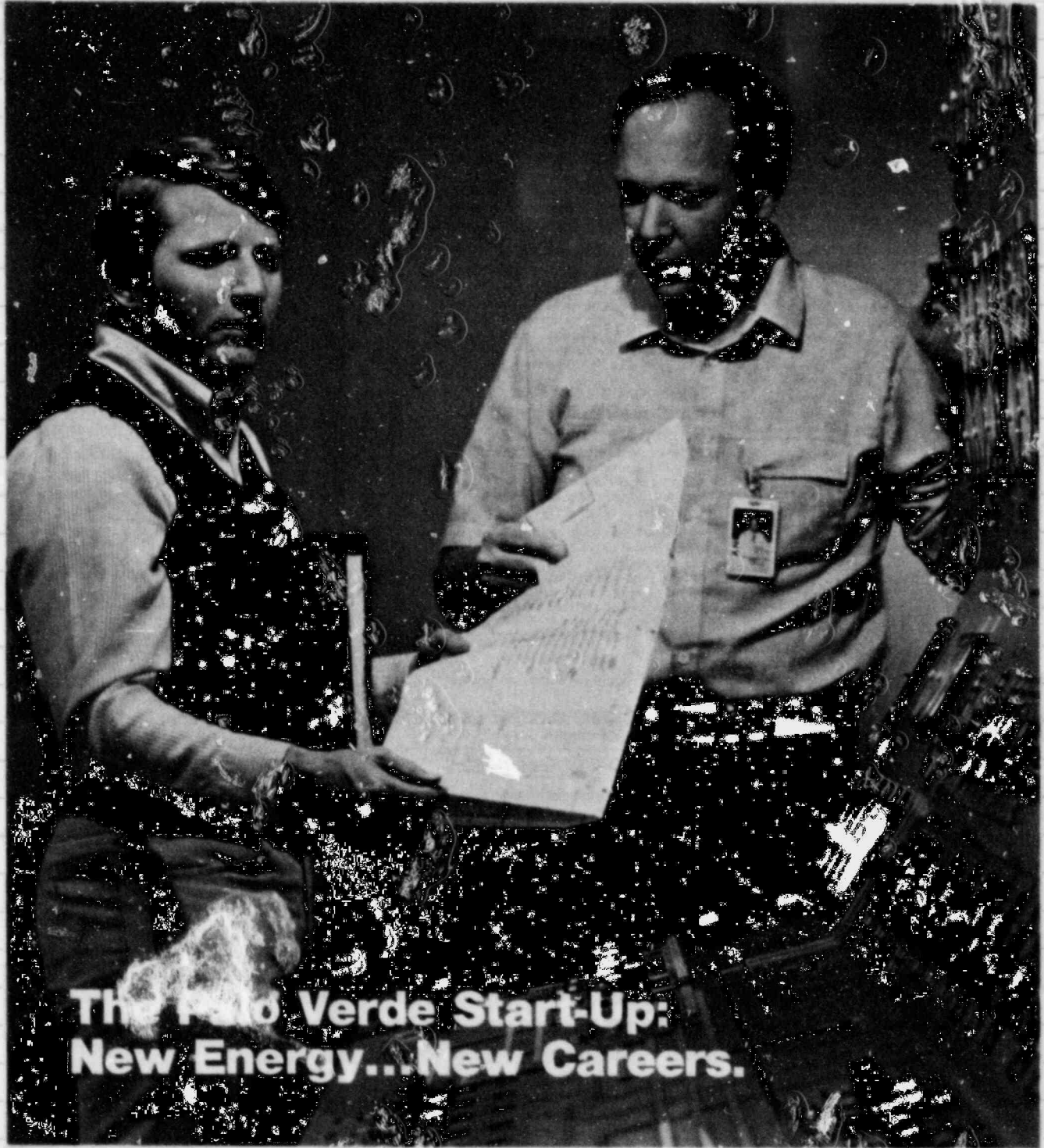
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**The Palo Verde Start-Up:  
New Energy...New Careers.**

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As the sun sets and  
the stars come out,



# Nuclear Propulsion Managers/Engineers

Nuclear Propulsion  
Managers/Engineers  
Management Opportunity

### JOB DESCRIPTION:

Nuclear propulsion officers operate, supervise and maintain more than 140 nuclear reactors for the Navy, which make up 65 percent of all the nuclear power plants in America. Filling a technical, managerial and leadership role, nuclear propulsion officers are motivated specialists with challenging jobs in an advanced engineering environment. In initial job assignments they will have five to 20 highly qualified technical specialists working directly for them on nuclear-powered submarines, surface ships or deep submergence research vehicles. (This field is open to men only.)

### SALARY AND BENEFITS:

An initial bonus of \$3,000 is provided upon acceptance and enlistment into the Submarine Nuclear Propulsion Program. An additional \$3,000 bonus is provided to submarine or surface nuclear propulsion officers upon completion of nuclear power training. The initial salary of approximately \$20,000 after appointment advances to more than \$35,000, under certain conditions, after four years. Nuclear submarine officers receive an additional \$130 a month in submarine pay, beginning with training at Nuclear Power School and continuing, with periodic raises, throughout their submarine service career. Other benefits include 30 days of paid vacation earned each year, free medical and dental care, low-cost life insurance, and non-taxable allowances for living quarters and meals.

### TRAINING:

The design and operation of nuclear power plants require a higher level of competence than most engineering positions. The Navy's nuclear power training program is regarded as the best in the nation by many industry leaders. The course includes approximately four months at Officer Candidate School, Newport, Rhode Island; six months at Nuclear Power School, Orlando, Florida; and six months of practical, hands-on training at a reactor facility in New York state, Connecticut or Idaho. Volunteers for the submarine service spend three more months at the Nuclear Submarine School, New London, Connecticut.

### EDUCATION:

Accredited bachelor's degree in engineering, physics, math or some other technical subject area, with demonstrated academic excellence. Minimum, one year each of college physics and math through integral calculus, with a "B" average or better. A "C" average or better is required in engineering and other math courses.

### AGE:

At least 19 and under 27½ at time of commissioning.

### CITIZENSHIP:

U.S. only.

### WHEN TO APPLY:

As early as the end of the sophomore year of college or after graduation. A financial aid program paying more than \$11,000 a year to defray some college expenses is available for students during their junior and senior years.

### INTERVIEW:

Selected applicants will travel to Washington, D.C. for final interview.

### APPOINTMENT:

Commissioned ensign, U.S. Naval Reserve, following completion of Officer Candidate School.

### OBLIGATION:

Three-year contractual obligation following completion of nuclear power training.

### CONTACT:

For the most up-to-date information on this challenging professional management career opportunity, its current pay scales and other fringe benefits, see your campus placement counselor or contact a Navy officer programs officer in your area. His or her address and phone number may be obtained by calling the Navy's toll-free information number, anytime, day or night:

**800-841-8000.**  
(In Georgia, call 800-342-5855. In Alaska, call collect 272-9133. In Hawaii, dial 546-7540.)

**Navy Officers Get Responsibility Fast.**



NRC Form 8-C  
(4-79)  
NRCM 0240

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