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August 22, 1984
EF2-72766

Director of Nuclear Reactor Regulation
Attention: Mr. B. J. Youngblood, Chief
Licensing Branch No.1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Youngblood:

Reference: Fermi 2
NRC Docket No. 50-341

Subject: Radiation Protection Manager (RPM)
Qualifications

As you are aware, Edison has selected Mr. John Bobba as the new Fermi 2 Radiation Protection Manager. To document Mr. Bobba's qualifications, Edison is submitting the following information:

- a) A comparison of Mr. Bobba's experience in the radiation protection field with the guidance contained in Regulatory Guide 1.8 (Attachment 1), and
- b) A summary of Mr. Bobba's experience in both the naval and commercial nuclear industries (Attachment 2).

This information was previously discussed in a telephone conversation with the NRC staff reviewer (F. Skopec) on June 15, 1984. Based on the information provided, Mr. Skopec indicated that although Mr. Bobba's educational background did not completely conform with the guidance of Regulatory Guide 1.8, it appeared that his experience at commercial and naval nuclear plants did provide the desired background.

Mr. Bobba's experience will be appropriately documented in a forthcoming amendment to FSAR.

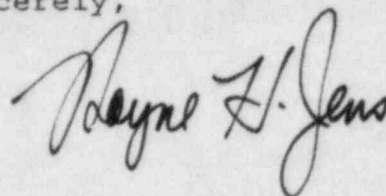
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Should you have any additional questions, please contact
Mr. Keener Earle at (313) 586-4211.

Sincerely,

A handwritten signature in cursive script, appearing to read "Wayne F. Jens".

cc: Mr. P. M. Byron*
Mr. L. J. Hueter*
Mr. M. D. Lynch*
Mr. F. Skopec*
USNRJ, Document Control Desk*
Washington, D.C. 20555

* With attachments

ATTACHMENT 1: REGULATORY GUIDE 1.8 COMPARISON

The discussion below provides a detailed comparison of Mr. John P. Bobba's qualifications with those suggested by Regulatory Guide 1.8.

The Radiation Protection Manager:*

"should be an experienced professional in applied radiation protection at nuclear facilities dealing with radiation protection problems and programs similar to those at nuclear power stations."

- As indicated below, Mr. Bobba has had significant experience in the radiation protection field at several different nuclear power stations in various modes of operation and shutdown.

"should be familiar with the design features and operations of nuclear power stations that affect the potential for exposures of persons to radiation."

- Mr. Bobba has seven years (1964-1971) of naval experience in which he dealt with the maintenance and operation of a naval (PWR) reactor during which he qualified as an Engineering Watch Supervisor and Engineering Laboratory Technician. In addition, Mr. Bobba has over four years (1971-1976) of design and systems (both primary and secondary) work with Stone and Webster Corporation. This experience has familiarized Mr. Bobba with the ALARA concerns considered in the initial design of plant systems. His operations experience with the navy and his subsequent work as an HP in operating and shutdown plants (over eight years experience) has provided him the knowledge necessary to properly implement a radiation protection program.

"should have the technical competence to establish radiation protection programs and the supervisory capability to direct the work of professionals, technicians and journeymen required to implement the radiation protection programs."

- The technical background delineated above, coupled with eight years (1976-present) of health physics (HP) experience at both operating (e.g., Connecticut Yankee) and shutdown (e.g., Calvert Cliffs, TMI, Peach Bottom) plants provide Mr. Bobba with the required background needed to establish and implement radiation protection programs. Throughout the twenty years (1964-present) Mr. Bobba has been involved in the naval and commercial nuclear industries, he has worked in numerous supervisory positions, overseeing the work of professionals, journeymen and technicians. Mr. Bobba was previously the Fermi 2 General Supervisor - Radwaste.

*The quoted passages are from the "Regulatory Position" portion of Regulatory Guide 1.8.

"should have a bachelor's degree or the equivalent in a science or engineering subject, including some formal training in radiation protection."

- Mr. Bobba has an associates degree in mechanical engineering technology. In addition, he attended naval technical schools, including the nuclear power school which involved HP courses as part of the curriculum.

"should have at least five years of professional experience in applied radiation protection. At least three years of this professional experience should be in applied radiation protection work in a nuclear facility dealing with radiological problems similar to those encountered in nuclear power stations, preferably in an actual nuclear power station."

- A summary of the work which Mr. Bobba has either supervised or been involved with is presented in Attachment 2. This summary indicates that he has spent eight years in the HP field and is qualified to develop and implement the Fermi 2 radiation Protection Program.

ATTACHMENT 2: SUMMARY OF WORK EXPERIENCES

10/82 - present Fermi

5/82 - 9/82 Peach Bottom - provided station Health Physics coverage and station health physics supervision during RWCU HX repair, RWCU pump repair, torus modifications and other normal refueling and operational HP functions.

1/82 - 3/82 Salem Nuclear Power Station - Contractor HP Supervisor - for Aux. Bldg for Unit 1 outage and Unit 2 operation

4/81 - 12/81 Peach Bottom - provided station Health Physics coverage and Contractor HP supervision during sparger removal, recirculation pump motor replacement, torus modifications, and other normal refueling functions.

2/81 - 4/81 Nine Mile Point Unit 1 - provided project supervision and functioned as an assistant to the HP supervisor during an extensive up grading of the station Health Physics program responsible for RWP compliance auditing, contractor HP technicians, overall controlled area decontamination, torus desludging, laundry and other health physics functions normal to an operational power station.

11/80 - 2/81 Calvert Cliffs Nuclear Power Station - provided station HP coverage during a back to back two unit refueling and maintenance outage.

7/80 - 10/80 Nine Mile Point Unit 1 - provided Health Physics consulting services to Chicago Bridge and Iron during torus saddle installation. Responsibilities were to minimize the adverse impact caused by radiological procedures and insure adequate protection was afforded CBI workers. Functioned as a liaison between the station radiation protection department and CBI, implemented ALARA considerations throughout the project, supervised an ongoing cleanup/decontamination program thereby minimizing respiratory protection requirements.

7/80 Naval Reserve Active Duty - monitored submarine off-crew radiological control and chemistry training. Evaluated lecture content and instructor performance as required by Naval Reactors Branch, USN.

3/80 - 7/80 Peach Bottom Atomic Power Station - provided station HP coverage during refueling and extensive torus decontamination and structural modifications.

1/80 - 3/80 Maine Yankee Atomic Power Plant - provided station HP coverage during refueling and pipe restraint modifications.

11/79 Calvert Cliffs Nuclear Power Station - provided station HP coverage during refueling and pipe restraint modifications.

8/79 - 11/79 Yankee Rowe Atomic Power Plant - provided station HP coverage during fuel pool modifications and extensive feed system piping replacement.

7/79 Connecticut Yankee Nuclear Power Plant - provided station HP coverage during main coolant pump seal replacement during isolated loop operation.

6/79 Naval Reserve Active Duty - monitored USN radiological controls performance, conducted training seminars on civilian decontamination methods for USN radcon personnel, conducted seminars for USN medical personnel on decontamination procedures used to decontaminate people.

4/79 - 5/79 Three Mile Island - provided Project supervision and HP coverage during the initial decontamination of the Unit 2 Auxiliary and Fuel Handling building from 5R contamination levels down to 10^4 dpm contamination levels. Provided HP coverage during emergency cooling system piping modification in the fuel handling during the initial decontamination period.

3/79 Maine Yankee Power Plant - provided Project supervision and contractor HP coverage of decontamination of RHR spray building and cubicle areas.

2/79 Yankee Rowe Atomic Power Plant - provided Project supervision during decontamination of spent fuel pool.

1/79 Quad Cities Nuclear Power Station - provided Project supervision and contractor HP coverage during desludging and decontamination of Unit 1 torus.

12/78 Nine Mile Point Unit 1 - provided Project supervision during torus decontamination and desludging.

10/78 Vermont Yankee Atomic Power Plant - provided Project supervision and contractor HP coverage during decontamination of 50R reactor building floor drain system.

8/78 RG&E Ginna Nuclear Power Station - provided Project supervision and contractor HP coverage during sludge removal and decontamination of waste holdup tank.

6/78 Naval Reserve Active Duty - monitored USN radiological controls performance, coordinated overall efforts between two shipyards and USN personnel, including radiological controls during steam generator inspections and preoverhaul testing.

3/78 - 4/78 Millstone Unit 1 - provided station HP coverage of reactor drywell during refueling and extensive drywell ventilation system modification.

1/78 - 3/78 Vermont Yankee Atomic Power Station - provided contractor HP coverage during spent fuel pool rack decontamination and disposal operation.

10/77 - 12/77 Connecticut Yankee Atomic Power Plant - Provided station HP coverage and contractor shift supervision during refueling and pressurizer piping modifications.

6/77 - 9/77 James A. Fitzpatrick Nuclear Power Station - provided Project supervision and contractor HP coverage during extensive decontamination (including torus desludging).

4/77 - 5/77 Indian Point 2 - provided shift supervision and station HP coverage during extensive decontamination.

3/77 Yankee Rowe Atomic Power Plant - provided Project supervision and contractor HP coverage during spent fuel pool clean up operations.

2/77 Calvert Cliffs Nuclear Power Station - provided Project supervision and contractor HP coverage during reactor cavity decontamination.

10/76 - 12/76 James A. Fitzpatrick Nuclear Power Station - provided contractor supervision and HP coverage during decontamination procedural test on the reactor water clean up system.

5/76 - 7/76 Connecticut Yankee Power Plant - provided station HP coverage during refueling outage.

3/76 Pilgrim Nuclear Power Station

9/71 - 4/76 Stone & Webster Engineering Corporation - responsibilities consisted of system engineering on a project basis.

8/64 - 8/71 USN Nuclear Power Program - qualified Engineering Watch Supervisor and Engineering Laboratory Technician.

Education

Associate Degree, Mechanical Engineering
Technology
Lowell Technological Institute, Lowell, MA

Miscellaneous Naval Technical Schools, including
Nuclear Power School.

Exceeds ANSI N18.1 and ANSI/ANS 3.1 - 1981 for
qualification as a Health Physics
Supervisor/Radiation Protection Engineer.