U.S. NUCLEAR REGULATORY COMMISSION REGION I MEETING SUMMARY

Docket No. 50-412

Meeting No. 87-08

License No. CPPR-105

Licensee: Duquesne Light Company Nuclear Construction Division P. O. Box 328 Shippingport, Pennsylvania 15077

Facility Name: Beaver Valley Power Station, Unit 2

1. Introduction

A meeting was held at the Region 1 office on January 5, 1987 at 10:30 a.m. at the request of the NRC. The purpose of the meeting was to discuss the status of the operator cross-training program and the issue of dual licensing selected senior operators at Beaver Valley Unit 2. The following people attended the meeting.

NRC AttendeesSamuel J. Collins, Deputy Director
Division of Reactor Projects
Robert M. Keller, Chief, Projects Section 1C
Lowell E. Tripp, Chief, Projects Section 3A
Peter S. Tam, Project Manager
Joseph J. Buzy, Licensing Qualification Branch
Noel F. Dudley, Lead Reactor Engineer (Examiner)
G. Scott Barber, Reactor Engineer (Examiner)
David M. Silk, Reactor Engineer (Examiner)

Duquesne Light Company Attendees

Jack Sieber, Vice President, Nuclear Thomas Burns, Director, Operator Training Roger Martin, Manager Regulatory Affairs Al Morabito, Manager Nuclear Training

2. Status of Cold License Training Program

The NRC and Duquesne Light Company (DLC) discussed the candidates who would be applying for operator licensing examinations in January and May 1987, and the proposed cross-training program. DLC presented the backgrounds of the licensing candidates. The twenty candidates for the January 1987 examination are all experienced licensed operators on Unit 1 with the exception of one individual who was licensed on Unit 1

8702100151 870203 PDR АДОСК 05000412 Q PDR in March 1986. The experience of the group of twenty candidates for the May 1987 examination is more varied. Nine candidates are experienced licensed operators on Unit 1. Six candidates are not licensed on Unit 1. Five candidates, who were recently licensed as reactor operators on Unit 1, will be sitting for the Senior Reactor Operator (SRO) examination for Unit 2. The licensing candidates who failed Unit 1 licensing examinations in 1986 were provided additional simulator training and performed reactor startups at the Rensselaer Polytechnic Institute reactor. Three candidates who failed the SRO examination for Unit 1 will be applying for the RO examination for Unit 2. The NRC found the experience of these individuals, as presented, to be acceptable.

DLC explained that the cross-training program, submitted by letter dated September 30, 1986, differed from the program submitted by letter dated October 30, 1985 in respect to the personnel to be trained. The most recent program expanded the scope of personnel to be trained to include individuals who had completed training for Unit 1 as well as individuals licensed on Unit 1. As discussed below, since there will be no dual licenses issued prior to fuel loading, the requirement to hold a license on Unit 1 has been negated.

The NRC encouraged the licensee not to become complacent about the upcoming licensing examinations in light of the results of examinations given to other recent near term operating license (NTOL) facilities. DLC stated that their candidates were well motivated and were expending substantial effort on their preparations.

The NRC encouraged the licensee to review the operating experience of shift personnel and requested an update of Section 13.1, Organizational Structure of Applicant, of the Final Safety Analysis Report (FSAR). DLC and the NRC will continue to work together to determine what information needs to be provided in the FSAR, Chapter 13.1, update.

DLC explained the status of INPO accreditation of training programs at Beaver Valley Unit 2. The Beaver Valley site is accredited by INPO. A job analysis for Unit 2 will be completed in the next few weeks. A complete job task analysis for the differences identified by the job analysis will then be conducted. Following the job task analysis, lesson plans will be reviewed to ensure compliance with the knowledges and abilities identified by the job task analysis. The resulting training program will be reviewed by INPO as part of either a two year review or a four year re-evaluation of the job analysis.

DLC committed to provide all Unit 1 requalification classroom training, missed during training for Unit 2, to any operator who fails the Unit 2 licensing examination prior to returning him to licensed duty at Unit 1.

The NRC and DLC agreed that the Beaver Valley simulator is not at present a plant reference simulator for Unit 2, but that the simulator is a useful training tool. DLC stated that steps have been taken to improve the simulator's training value by developing a separate core model for Unit 2 and by constructing a 50% photo-mosaic of the Unit 2 control board for discussion of control board differences.

3. Dual Licensing of Operators

DLC presented a proposed organizational chart for the Nuclear Operations Unit. The revision would provide a completely separate shift organization for Unit 1 and for Unit 2. The reorganization would allow DLC to complete the facility licensing process without the concern for dual licensing of operators. The reorganization also allows the licensee time to evaluate the desirability of dual licensing selected individuals in the future.

4. Commitments

DLC and the NRC Project Manager will work together to identify what items need to be updated in Chapter 13.1 of the FSAR. Items to be updated should include the amount of operating experience on shift, and the proposed organizational structure of the Nuclear Operations Unit.

DLC will review the experience of other NTOL facilities on their initial licensing examinations.

DLC will provide a letter to the NRC Project Manager which incorporates by reference all correspondence relevant to the Unit 2 docket.