

Indian Point 3  
Nuclear Power Plant  
P.O. Box 215  
Buchanan, New York 10511  
914 739.8200



February 6, 1987  
IP3-WAJ-012Z  
IP3-MPC-017B

Docket No. 50-286  
License No. DPR-64

Dr. Thomas Murley  
Region I Administrator  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Subject: Senior Reactor Operator License Applications

Dear Mr. Murley:

I am writing on behalf of the Authority to request a waiver from a training requirement specified in Examiner Standard 109 applicable to Senior Reactor Operator (SRO) candidates.

Specifically, a waiver is requested from the training requirement that ten (10) reactor startups be performed by our current SRO candidates. In lieu of this training, the candidates have participated in extensive simulator training utilizing a full scope simulator. This training included ten startups performed by each candidate. Attached is a listing of the objectives associated with the simulator Reactor Startup course.

The simulator utilized was the Indian Point 2 simulator which is fully capable of duplicating Indian Point 3 operation for the purpose of evaluating the attached objectives. Furthermore, the Indian Point 3 plant simulator training program has been accredited by the Institute of Nuclear Power Operations.

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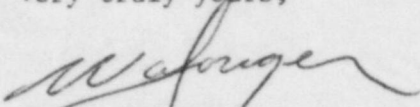
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We would appreciate the waiver of the ten reactor startup requirement from the training program for the following SRO applicants:

Candidates:

James Comiotes  
John Donnelly  
Elizabeth Lee  
Thomas Orlando  
Thomas Pulcher  
Carl Reiniger  
Brian Sullivan

Very truly yours,



W. A. Josiger  
Resident Manager  
Indian Point 3 Nuclear Power Plant

WAI:MPC:lg

cc: M. Cass  
R. Tansky

## ATTACHMENT II

### OBJECTIVES FOR PLANT START-UP TRAINING SIMULATOR

#### Terminal Objective

- 2.2.0 Perform a reactor startup to the point of adding heat and warmup and pressurize the secondary plant in preparation for turbine generator startup.

#### Enabling Objective

- 2.2.1 Calculate an estimated critical position using SOP-RPC-3.
- 2.2.2 Calculate Boron concentration to achieve an estimated critical rod position of 100 steps on Bank "D".
- 2.2.3 Startup the main condensate system using SOP-C-2.
- 2.2.4 Warmup the secondary plant using SOP-MS-1.
- 2.2.5 Place all circulating water pumps in service as per SOP-RW-1.
- 2.2.6 Establish condenser vacuum using SOP-C-1.
- 2.2.7 Maintain pressurizer level.
- 2.2.8 Withdraw the shutdown banks in sequence.
- 2.2.9 Take the reactor critical at no time exceeding a SUR of 0.5 DPM.
- 2.2.10 Perform source range and intermediate range channel check 3PT-V1 and 3PT-V2.
- 2.2.11 Verify proper rod bank overlap while withdrawing control banks.
- 2.2.12 Use the power doubling rule to predict actual critical rod height at each doubling.
- 2.2.13 Block S.R. and S.R. High Flux Trip when P-6 lamp illuminates.
- 2.2.14 Raise reactor power to 1X10<sup>-8</sup> amps and stabilize the reactor for critical data, without exceeding a 0.5 DPM SUR.
- 2.2.15 Maintain S/G levels between 40% and 55% using auxiliary feedwater.
- 2.2.16 Increase reactor power to the POAH and properly identify the POAH.
- 2.2.17 Properly maintain the CCR logbook and logsheets taking appropriate actions for out of normal readings.
- 2.2.18 Respond to all annunciators using the ARP's.

The trainee shall demonstrate mastery of the enabling objective by performing each one on the simulator meeting the standards specified in the objective or the applicable procedures.