CP S1

DISTRIBUTION
Docket
NRC PDR
L PDR
NSIC
ORB#1 Rdg
DEisenhut
CParrish
JThoma
OELD
SECY
ELJordan
JMTaylor
TBarnhart-4
LSchneider
DBrinkman
LJHarmon (2)
ACRS-10
OPA
RFerguson
RDiggs
ASLAB
TWambach
Gray

NOV 18 1982

Docket No. 50-286

Mr. Leroy W. Sinclair, President
and Chief Operating Officer
Power Authority of the State of New York
10 Columbus Circle
New York, New York 10019

Dear Mr. Sinclair:'

The Commission has issued the enclosed Amendment No. 45 to Facility Operating License No. DPR-64 for the Indian Point Nuclear Generating Unit No. 3. This amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated February 20, 1981.

The amendment revises your Technical Specifications to reflect modifications in your facility's fire protection system. The NRC staff's evaluation of the fire protection system at Indian Point Unit No. 3 is contained in the safety evaluation for Amendment Number 24 to the Facility Operating License Number DPR-64 issued March 6, 1979. The staff issued a supplement to the Fire Protection Safety Evaluation Report on May 2, 1980. The staff concluded that the proposed plant modifications were acceptable with respect to improvements in the fire protection program and requested that the Technical Specifications be modified to account for modifications in both the fire protection systems and administrative controls.

The Safety Evaluation, which supports the modifications associated with these changes to the Technical Specifications, was based on the guidelines of Appendix A to Branch Technical Position 9.5-1. Our evaluation of your conformance to Appendix R to 10 CFR 50, the Fire Protection Rule, is continuing and will be the subject of future licensing action, including any additional changes to Technical Specifications associated therewith.

Your application was in response to the staff requests. During the course of our review we requested certain modifications to your proposal and your staff agreed to those modifications. This amendment brings your Technical Specifications into agreement with our Standard Technical Specifications for pressurized water reactors in the fire protection area.

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact, and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

OFFICE							
SURNAME							
DATE							

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

Original signed by:
S. A. Varga
Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosures:
1. Amendment No. 45 to DPR-64
2. Notice of Issuance

cc w/encls:
See next page

F.R. NOTICE + AMENDMENT

OFFICE	DL:ORB#1	DL:ORB#1	DL:ORB#5	DL:ORB#1	DL:AD/OR	OELD	
SURNAME	CParrish	JThomas:ms	TWambach	SAVarga	GCLainas	M.RAMM	
DATE	10/4/82	10/21/82	11/3/82	11/3/82	10/4/82	11/15/82	

cp 10/27/82 JVW

Mr. Leroy W. Sinclair
Power Authority of the State of New York

cc: Mr. John C. Brons
Indian Point 3 Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511

Mr. Charles M. Pratt
Assistant General Counsel
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

Ms. Ellyn Weiss
Sheldon, Harmon and Weiss
1725 I Street, N.W., Suite 506
Washington, D. C. 20006

Dr. Lawrence R. Quarles
Apartment 51
Kendal at Longwood
Kennett Square, Pennsylvania 19348

Mr. George M. Wilverding, Chairman
Safety Review Committee
Power Authority of the
State of New York
10 Columbus Circle
New York, New York 10019

Joan Holt, Project Director
New York Public Interest
Research Group, Inc.
5 Beekman Street
New York, New York 10038

Director, Technical Development
Programs
State of New York Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

Honorable George Begany
Mayor, Village of Buchanan
236 Tate Avenue
Buchanan, New York 10511

Mr. J. P. Bayne, Senior Vice Pres.
Nuclear Generation
Power Authority of the State
of New York
Columbus Circle
New York, New York 10019

Thomas Foley
Resident Inspector
Indian Point Nuclear Generating
U. S. Nuclear Regulatory Commission
P. O. Box 66
Buchanan, New York 10511

Thomas J. Farrelly, Esquire
Law Department
Consolidated Edison Company of
New York Inc.
4 Irving Place
New York, New York 10003

Mr. A. Klausmann, Vice President
Quality Assurance
Power Authority of the State of
New York
10 Columbus Circle
New York, New York 10019

Regional Radiation Representative
EPA Region II
26 Federal Plaza
New York, New York 10007

Mr. Leroy W. Sinclair
Power Authority of the State of New York

cc: Mr. D. Halama
Quality Assurance Superintendent
Indian Point 3 Nuclear Power Plant
Post Office Box 215
Buchanan, New York 10511

Ronald C. Haynes
Regional Administrator - Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Ezra I. Bialik
Assistant Attorney General
Environmental Protection Bureau
New York State Department of Law
2 World Trade Center
New York, New York 10047

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

POWER AUTHORITY OF THE STATE OF NEW YORK

DOCKET NO. 50-286

INDIAN POINT NUCLEAR GENERATING UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 45
License No. DPR-64

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Power Authority of the State of New York (the licensee) dated February 20, 1981, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;

   C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C(2) of Facility Operating License No. DPR-64 is hereby amended to read as follows:

   (2) Technical Specifications

   The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 45 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is to be implemented within twenty-one days from the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: November 18, 1982

ATTACHMENT TO LICENSE AMENDMENT NO. 45

FACILITY OPERATING LICENSE NO. DPR-64

DOCKET NO. 50-286

Revise Appendix A as follows:

Remove Pages	Insert Pages
3.14-1 through 3.14-3	3.14-1 through 3.14-7
4.12-1 through 4.12-4	4.12-1 through 4.12-7

3.14 FIRE PROTECTION AND DETECTION SYSTEMS

Applicability

This specification applies to the operability of fire protection and detection systems provided for protection of safe shutdown systems.

Objective

To assure the operability of fire protection and detection systems.

Specification

A. High Pressure Water Fire Protection System

1. The high pressure water fire protection system shall have:

   a. Two (2) main fire pumps operable and properly aligned to the high pressure fire header.

   b. Automatic initiation circuitry for each of the main fire pumps in 3.14.A.1.a are operable.

   c. All piping and valves necessary for proper functioning of any portion of the system required for protection of safe shutdown systems operable.

   d. A minimum available water volume of 300,000 gallons contained in each of the two (2) Fire Water Tanks for fire protection purposes.

2. With less than the equipment required by 3.14.A.1 operable, the inoperable equipment shall be restored to operable status within 7 days or a Special Report shall be prepared and submitted to the Commission pursuant to specification 6.9.2.f within the next 30 days outlining the plans and procedures to be used for restoring the inoperable equipment to operable status.

3. With no main fire pumps operable:

   a. An alternate fire protection system shall be established within 24 hours.

   b. The Region I Office of Inspection and Enforcement shall be notified within 24 hours of identification by telephone and confirmed by telegraph, mailgram or facsimile transmission no later than the first working day following the event.

   c. A Special Report shall be submitted in accordance with specification 6.9.2.f within 14 days of following the event outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to operable status.

d. If the requirement of 3.14.A.3.a cannot be satisfied within the time period specified, the reactor shall be placed in the hot shutdown condition utilizing normal operating procedures. If the requirement of 3.14.A.3.a cannot be satisfied within an additional 48 hours, the reactor shall be placed in the cold shutdown condition utilizing normal operating procedures.

B. Fire Protection Spray and/or Sprinkler Systems

1. The following spray and/or sprinkler systems shall be operable whenever equipment in the area is required to be operable in accordance with Section 3 of the Technical Specifications:
   a. Electrical Tunnel Fire Protection Water Sprinkler System (El-34' and El-43').
   b. Diesel Generator Building Water Sprinkler System (El-15' in D.G. Building).
   c. Containment Fan Cooler Charcoal Filter Dousing System (El-68' in Containment).

2. If the requirements of 3.14.B.1 cannot be satisfied and the equipment in the area is required to be operable:
   a. A continuous fire watch with backup fire suppression equipment shall be established for the accessible unprotected area(s) within 1 hour.
   b. The inoperable spray and/or sprinkler system(s) shall be restored to operable status within 14 days or a Special Report shall be prepared and submitted to the Commission pursuant to specification 6.9.2.f within the next 30 days outlining the cause of inoperability and the plans for restoring the system(s) to operable status.

C. Penetration Fire Barriers

1. The following penetration fire barriers shall be functional at all times when the equipment in these areas are required to be operable in accordance with Section 3 of the Technical Specifications:
   a. Penetration fire barriers between the central control room floor and the cable spreading room.
   b. Penetration fire barriers between the 480 V switchgear room and the cable spreading room.
   c. Penetration fire barriers separating the diesel generator compartments from each other and from the Control Building.
   d. Penetration fire barriers separating the Control Building from the Turbine Building.
   e. Penetration fire barriers separating the Cable Spreading Room from the Electrical Tunnels.

2. If the requirements of 3.14.C.1 are not met and the equipment in these areas are required to be operable:

   a) within one (1) hour, either

      i) Verify the operability of fire detectors on at least one side of the non-functional fire barrier and establish an hourly fire watch patrol, or

      ii) establish a continuous fire watch on at least one side of the affected fire barrier penetration

   b) Restore the non-functional fire barrier penetration(s) to functional status within 7 days or submit a report to the Commission pursuant to specification 6.9.2.f within the next 30 days outlining the action taken, the cause of the non-functional penetration and plans for restoring the fire barrier penetration(s) to functional status.

D. Fire Detection Systems

1. As a minimum, the fire detection instrumentation for each location shown in Table 3.14-1 shall be operable whenever equipment in that location is required to be operable in accordance with Section 3.0 of the Technical Specification.

2. With the number of operable fire detection instruments less than the minimum required by Table 3.14-1 and the equipment in that location is required to be operable:

   a. A fire watch patrol shall be established within 1 hour where accessibilty permits to inspect the location(s) with less than the minimum operable instrumentation at a frequency of at least once per hour.

   b. The minimum operable instrumentation required in Table 3.14-1 shall be restored within 14 days or a Special Report shall be prepared and submitted to the Commission pursuant to specification 6.9.2.f within the next 30 days outlining the cause of the malfunction and the plans for restoring the instrumentation to operable status.

E. Fire Hose Stations

1. The fire hose stations shown in Table 3.14-2 shall be operable whenever equipment in the area is required to be operable in accordance with Section 3.0 of the Technical Specifications.

2. If the requirements of 3.14.E.1 cannot be satisfied and the equipment in the area is required to be operable, an additional equivalent capacity hose shall be routed to the affected area from an operable hose station within one hour or suitable portable fire fighting equipment made available at the location.

3. Should any fire hose station listed in Table 3.14-2 not be restored to operable status within 14 days, a special report shall be prepared and submitted to the Commission pursuant to Specification 6.9.2.f within the next 30 days outlining the cause of the malfunction and the plans for restoring the fire station to operable status.

F. Yard Fire Hydrants and Hydrant Hose Houses

1. The yard fire hydrants and associated hydrant hose houses shown in Table 3.143 shall be operable while the unit is above cold shutdown.

2. With one or more of the yard fire hydrants or associated hydrant hose houses shown in Table 3.143 inoperable, within 1 hr. have sufficient additional lengths of 2½ inch diameter hose located in an adjacent operable hydrant hose house to provide service to the unprotected area(s).

3. Restore the inoperable yard hydrants to service within 14 days or a Special Report shall be prepared and submitted to the commission pursuant to Specification 6.9.2.F within the next 30 days outlining the cause of inoperability and the plans for restoring the hydrant to operable status.

G. CO_2 Fire Protection System

1. As a minimum, one CO_2 Storage Tank shall be available with a minimum level of 60% and a minimum pressure of 275 psi to supply safety-related areas whenever equipment in these areas are required to be operable in accordance with Section 3.0 of the Technical Specifications.

2. CO_2 System Fire Protection shall be available to the following safety related areas whenever equipment in those areas are required to be operable in accordance with Section 3.0 of the Technical Specifications.

   a. Control Building (EL-33') - Cable Spreading Room
   b. Control Building (EL-15') - Switchgear Room
   c. Diesel Generator Building (EL-15')

3. If the requirements of 3.14.G.1 and 3.14.G.2 cannot be satisified and the equipment in the areas is required to be operable:

   a. A continuous fire watch with backup fire suppression equipment shall be established for the accessible unprotected area(s) within 1 hour.

   b. If the requirement of 3.14.G.1 and 3.14.G.2 are not satisfied within 14 days, a special report shall be prepared and submitted to the commission pursuant to specification 6.9.2.F within the next 30 days outlining the cause of inoperability and the plans for restoring the CO_2 system to operable status.

Basis

Containment is not considered normally accessible during plant operation.

These specifications are established to assure the operability of fire protection and detection systems provided to protect equipment utilized for safe shutdown of the unit. The fire protection and detection systems installed at IP3, conform to Appendix A of Branch Technical Position (BTP) APCSB 9.5-1"Fire Protection for Nuclear Power Plants", as approved by the NRC Regulatory Staff on March 6, 1979 as Amendment No. 24 to facility operating license No. DPR-64, and supplements thereto. Also, the CO_2 System Fire Protection availability by definition shall be interpreted to mean with the system in either the automatic or manual mode of operation with the automatic mode as the primary mode of operation.

Table 3.14-1

Fire Detection Instruments

Instrument Location	Minimum Instruments Operable		
	Heat	Smoke (ionization detectors)	Flame (Ultra violet)
1. Cable Spreading Room (Control Building: El-33')		7	
2. Switchgear Room Control Building: El-15')		7	
3. Electrical Tunnels:			
Upper (El-43')	69*	4	
Lower (El-34')	66*	4	
4. Electrical Penetration Areas:			
Upper (Fan House: El-46')	33*	3	
Lower (Fan House: El-34')	17*	4	
5. Diesel Generator Building (El-15')	4 per D.G.		
6. Containment Fan Cooler Units (Containment: El-68')	4 per FC Unit		
7. Primary Auxiliary Building			
a. Corridor: El 55'		7	
b. MCC Nos. 37,38,39 El 55' (Underfloor Area)		5	
c. CS Pump Area El 41'		2	
d. Component Cooling Pump Area		4	
e. RHR Pumps El 15'		1 per RHR Pump cubicle	
f. Charging Pump Rooms		2	
8. Aux. Feed Pump Building		1	
9. Battery Room No. 31			1
" " 32			1
Battery Area 33			1
10. Fan House: El 41' and 51' (Pipe Penetration Area)		5	
11. Control Room			
Supervisory Panel		2	
Flight Panel		1	
Ceiling Area		8	
Ductwork		3	
12. Containment Building		4	

*Temperature Detector/Trip Devices

Table 3.14-2

Fire Hose Stations

Building	Location	Elevation
Turbine Building	Control Bldg. Entrance	15'
Turbine Building	Control Bldg. Entrance	33'
Turbine Building	Control Bldg. Entrance	53'
Aux. Feed Pump Bldg.	Outside Stairwell	18'-6"
Primary Aux. Bldg.	West Stairwell	55'
Primary Aux. Bldg.	West Stairwell	34'
Primary Aux. Bldg.	West Stairwell	15'
Primary Aux. Bldg.	East Stairwell	73'
Primary Aux. Bldg.	East Stairwell	55'
Primary Aux. Bldg.	East Stairwell	41'
Primary Aux. Bldg.	West Side of Bldg.	73'

Table 3.14-3

Yard Fire Hydrant and Associated Hydrant Hose Houses

Location	Hydrant No.
1. Screenwell Area	#31 or #32
2. Aux. Feed Pump Bldg.	#35
3. Primary Aux. Bldg.	#36, 38, 39
4. Diesel Gen Bldg.	#310

4.12 FIRE PROTECTION AND DETECTION SYSTEMS

Applicability

This specification applies to the surveillance requirements of fire protection and detection systems provided for protection of safe shutdown systems.

Objective

To verify the operability of fire protection and detection systems.

Specification

A. High Pressure Water Fire Protection System Testing:

1. Testing Requirements:

	Item	Frequency
a.	Fire Water Storage Tanks Minimum Water Volume.	once/week
b.	Main Fire Pump Operability- Each pump operating for at least 15 minutes.	once/month
c.	Valve Position Check- Verification that each valve (manual, power operated or automatic) in the flow path necessary for proper functioning of any portion of this system required for protection of safe shutdown systems is in its correct position. If the valve has an installed monitoring system, the valve position can be checked via that monitoring system.	once/month
d.	Valve Cycling Test- Exercise each valve necessary for proper functioning of any portion of this system required for protection of safe shutdown systems through at least one complete cycle.	
	(i) Valves testable with plant on-line.	once/12 months
	(ii) Valves not testable with plant on-line.	once/18 months

e. System Functional Test- Verification of Proper actuation of this system throughout its operating sequence, and — once/18 months

(i) Verification that each automatic valve in the flow path actuates to its correct position, and

(ii) Verification that each fire suppression pump starts (sequentially) to maintain fire water suppression system pressure.

f. Main Fire Pump Capacity and System Flow Check- Verification that each pump develops a flow of 2350 gpm at a system head of 250 feet. — once/18 months

g. System Flow Test- Performance of a flow test in accordance with Chapter 5, Section 11 of the Fire Protection Handbook, 14th Edition, published by the National Fire Protection Association for any portion of this system required for protection of safe shutdown systems. — once/3 years

h. System Flush (May be done Concurrent with System Flow Test) — once/3 years

2. Fire Pump Diesel Engine Testing Requirements:

Item	Frequency
a. Verify that the Fuel Oil Storage Tank contains at least 120 gal. of fuel.	once/month
b. Test diesel fuel sample to verify conformance with diesel manufacturers recommended minimum requirements for viscosity, water, and sediment.	once/3 months

c.	Verify diesel starts from ambient conditions and operates for at least 30 minutes (May be done concurrent with 15 minute diesel pump test).	once/month
d.	Conduct a thorough inspection of the diesel in accordance with procedures prepared in conjuction with the manufacturers recommendations and verify that the diesel starts from ambient conditions on the auto-start signal and is operated for greater than or equal to 30 minutes while loaded with the fire pump.	once/18 months

3. Fire Pump Diesel Starting 24-Volt Battery Bank and Charger Requirements:

	Item	Frequency
a.	Verify electrolyte level of each battery is above the plates and that the overall battery voltage is greater than or equal to 24 volts. Also verify that the specific gravity is appropriate for continued service of the battery.	once/month
b.	Verify that the batteries and battery racks show no visual indication of physical damage or abnormal deterioration and that the battery terminal connections are clean, tight, and free of corrosion.	once/18 months

B. Electrical Tunnel, Diesel Generator Building and Containment Fan Cooler Fire Protection Spray and/or Sprinkler System Testing:

1. Testing Requirements:

	Item	Frequency
a.	Verify that each valve (manual, power operated or automatic) in the flow path and which is accessible is in the correct position.	once/month
b.	Valve Cyclying Test- Exercise each valve necessary for proper functioning of any portion of this system required for protection of safe shutdown systems through at least one complete cycle:	
	(i) Valves testable with plant on line.	once/12 months
	(ii) Valves not testable with plant on line	once/18 months

c. System Functional Test- Includes simulated automatic actuation of spray system and verification that automatic valves in the flow path actuate to their correct position. — once/18 months

d. Spray Header Visual Inspection- To verify integrity. — once/18 months

e. Visual Inspection of Each Spray Nozzle- To verify that each nozzles spray area is unobstructed. — once/18 months

f. Air Flow Test- Perform air flow test through each open spray/sprinkler header and verify each open spray/sprinkler nozzle is unobstructed. — once/3 years

2. The requirements of 4.12.B.1 shall not apply to self-actuated type spray nozzles which are capable of only one actuation and cannot be periodically cycled or tested. These self-actuated spray nozzles shall be visually inspected at least once per 18 months to verify that no nozzle damage exists and that the nozzles are unobstructed.

C. Penetration Fire Barrier Inspection:

1. The penetration fire barriers listed in specification 3.14.C.1 shall be verified to be functional by visual inspection:

   a. At least once per 18 months.

   b. Prior to declaring a fire penetration barrier functional following repairs or maintenance.

D. Fire Detection Systems Testing:

1. The operability of the fire detection instruments utilized in satisfying the requirements of specification 3.14.D.1 including the actuation of appropriate alarms (Channel Functional Test) shall be verified as follows:

Item	Frequency
a. Smoke Detectors-	once/6 months

b. Heat Detectors-

(i) Those associated with the Diesel Generator Building (item 5 in Table 3.14-1).	once/6 months
(ii) Those associated with the Electrical Tunnels (item 3 in Table 3.14-1).	once/12 months
(iii) Those associated with the Containment Fan Cooler Units (item 6 in Table 3.14-1).	once/18 months
c. Flame Detectors	once/6 months

E. Fire Hose Stations Testing:

1. Fire hose stations described in specification 3.14.E.1 shall be demonstrated operable by the following surveillance testing requirements:

Item	Frequency
a. Visual Inspection Test- Visual inspection of the hose stations to assure all required equipment is at the station.	once/month
b. Hose Removal Check- Removal of the hose for inspection and replacement of all degraded gaskets in couplings.	once/18 months
c. Hose Flow Test- Partial opening of each hose station valve to verify valve operability and no flow blockage.	once/3 years
d. Hose Hydrostatic Test- Conduct a hose hydrostatic test at a pressure at least 50 psig greater than the maximum pressure available at that hose station.	once/3 years

F. Yard Hydrants and Hydrant Hose House Inspection

1.	Visually inspect those hoses houses associated with hydrants listed under Table 3.14-3 in order to assure that all required equipment is inside.	once/month
2.	Visually inspect those hydrants listed under Table 3.14-3 to verify that the hydrant barrel is dry and undamaged.	once/6 months (Spring/Fall)
3.	For those hydrants serving safety related areas, specifically Hydrants #31, 32, 35, 36, 38, 39 and 310, flow check each hydrant to demonstrate its operability.	once/1 year
4.	Conduct a hose hydrostatic test at a pressure at least 50 psi greater than the maximum pressure available at any yard hydrant. Also, inspect all gaskets and replace any degraded gaskets in the couplings.	once/ 1 year

G. CO_2 Fire Protection System

1. Those portions of the CO_2 System required to be operable by specification 3.14.G.1 and 3.14.G.2 shall be demonstrated operable by the following surveillance requirements.

	Item	Frequency
a.	Verify Level and Pressure Indication for CO2 Supply Units 3-1 or 3-2 for that unit which is lined up to the Control and Diesel Generator Buildings.	once/week
b.	Verify that each valve (manual, power operated or automatic) in the flow path is in its correct position.	once/month
c.	System Functional Test: Verify that system valves and associated ventilation dampers and fire door release mechanisms actuate upon receipt of a simulated actuation signal.	once/18 months
d.	Verify flow from nozzles during a "Puff Test"	once/18 months

Basis

These specifications establish the surveillance program for Fire Protection and Detection Systems provided to protect equipment utilized for safe shutdown of the unit. This surveillance program is intended to verify the operability of these systems and will identify for corrective action any conditions which could prevent any portion of the systems performing its intended function.

The Fire Protection and Detection Systems installed at IP-3 conform to Appendix A to Branch Technical Position (BTP) APCSB 9.5-1 "Fire Protection for Nuclear Power Plants", as approved by the NRC Regulatory Staff on March 6, 1979, Amendment No. 24 to facility operating license No. DPR-64, and supplements thereto.

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-286

POWER AUTHORITY OF THE STATE OF NEW YORK

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 45 to Facility Operating License No. DPR-64, issued to the Power Authority of the State of New York (the licensee), which revised Technical Specifications for operation of the Indian Point Nuclear Generating Unit No. 3 (the facility) located in Buchanan, Westchester County, New York. The amendment is to be implemented within twenty-one days from the date of its issuance.

The amendment revises the plant Technical Specifications to reflect modifications in the facility fire protection system.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated February 20, 1981, (2) Amendment No. 45 to License No. DPR-64, (3) the Commission's Safety Evaluations issued March 6, 1979 and May 2, 1980, and (4) the Commission's letter dated .
All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. and at the White Plains Public Library, 100 Martine Avenue, White Plains, New York. A copy of items (2), (3) and (4) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 18th day of November, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing