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123 Main Street White Plains, New York 10601 914 681.6240

New Yerk Power

Authority



John C. Brons Executive Vice President Nuclear Generation

March 2, 1990 IPN-90-011 JPN-90-020

U.S. Nuclear Regulatory Commission ATTN: Document Control Desk Mail Station P1-137 Washington, D.C. 20555

Subject: Indian Point 3 Nuclear Power Plant Docket No. 50-286 James A. FitzPatrick Nuclear Power Plant Docket No. 50-333 Generic Letter 90-01: Request for Voluntary Participation in NRC Regulatory Impact Survey

References: 1. NUMARC Letter, dated February 16, 1990, from Joe F. Colvin to NUMARC Board of Directors.

Dear Sir:

900315025

ADOCK

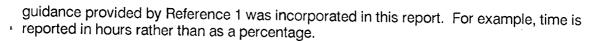
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In response to the subject generic letter, the Authority is providing information on the time which key nuclear power plant managers spend in responding to various operational inspections and audits. Attachments I and II provide the requested information for managers with responsibility for the Indian Point 3 and James A. FitzPatrick Nuclear Power Plants, respectively. The responses for annually recurring inspection/evaluation categories are based on the one year period from January, 1989 to January, 1990, while those for the other recurring inspection/evaluation categories are based on the most recent review year. Attachment III provides a list of the "Key Personnel" included in the Authority's response to the survey. The Authority expended approximately 120 man-hours to obtain and provide the attached information.

The Authority concurs with the Nuclear Management and Resources Council (NUMARC) in that this type of survey provides an opportunity to provide specific input that will aid in improving the regulatory process. Unfortunately, the generic letter did not provide sufficiently detailed guidance or time to obtain adequate and consistent responses from all levels of management involved in regulatory inspection and evaluation. Clarification of activities to be included in response to Item 5 of the questionnaire was nonexistent, leaving responses open to individual interpretation. Individuals at a supervisory level with potentially significant involvement in inspection/evaluation activities were not included in the survey. Furthermore, differences in utility organizational structures will make meaningful comparison of the data difficult. As evidence of these shortcomings in the survey guidance, NUMARC made an effort to provide the necessary clarification. To the extent possible, the



Should you or your staff have any questions regarding this matter, please contact Mr. P. Kokolakis or Ms. S. Toth of my staff.

Very truly yours,

John C. Brons

Executive Vice President Nuclear Generation

cc: U.S. Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA. 19406

Resident Inspector's Office Indian Point Unit 3 U.S. Nuclear Regulatory Commission P.O. Box 337 Buchanan, N.Y. 10511

Office of the Resident Inspector U.S. Nuclear Regulatory Commission P.O. Box 136 Lycoming, N.Y. 13093

Joseph D. Neighbors, Sr. Proj. Manager Project Directorate J-1 Division of Reactor Projects I/II U.S. Nuclear Regulatory Commission Mail Stop 14B2 Washington, D.C. 20555

Mr. David E. LaBarge Project Directorate I-1 Division of Reactor Projects I/II U.S. Nuclear Regulatory Commission Mail Stop 14B2 Washington, D.C. 20555

### Attachment I to IPN-90-011/JPN-90-020

### New York Power Authority Indian Point 3 Nuclear Power Plant

### Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

NRC Team Inspections

2. Based on actual experience over the past several years, about how often is this activity conducted?

Five were conducted in 1989.

3. Operations/Construction areas covered:

Emergency Operating Procedures, Maintenance, Outage Completion, Requalification Exam, Instrumentation and Control.

4. Extent of activity (how many people, for how long)

Ranging from 3 to 8 inspectors for 1 to 3 weeks.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 713 hours per year (number involved) 10 of 10
  - b. Plant Manager 126 hours per year
  - c. Corporate Department Heads 506 hours per year (number involved) 7 of 8
  - d. Corporate Vice Presidents 56 hours per year (number involved) 3 of 3
  - e. Chief Nuclear Officer 42 hours per year

# Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

**1.** Type of Inspection, audit or evaluation:

Other NRC Resident, Regional and Headquarters inspections/ audits.

2. Based on actual experience over the past several years, about how often is this activity conducted?

Approximately 15-20 per year. Twenty-three inspections were conducted in 1989.

3. Operations/Construction areas covered:

Routine Inspections covering various areas, Steam Generator Replacement Activities, Chemistry, Radiological Controls, Security, Safety, Fuel Reconstitution, Emergency Preparedness

4. Extent of activity (how many people, for how long)

Ranging from 1 to 4 inspectors for 3 to 5 days, plus 2 Resident Inspectors whom are onsite everyday.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 1360 hours per year (number involved) 10 of 10
  - b. Plant Manager 368 hours per year
  - c. Corporate Department Heads 104 hours per year (number involved) 5 of 8
  - d. Corporate Vice Presidents 31 hours per year (number involved) 3 of 3
  - e. Chief Nuclear Officer 7 hours per year

## Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

NRC-Required QA Audits

2. Based on actual experience over the past several years, about how often is this activity conducted?

A total of 32 audits were performed in 1989.

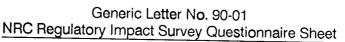
3. Operations/Construction areas covered:

Areas required by Technical Specifications.

4. Extent of activity (how many people, for how long)

One to 2 inspectors for approximately 1 to 2 weeks.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 1252 hours per year (number involved) 10 of 10
  - b. Plant Manager 180 hours per year
  - c. Corporate Department Heads 188 hours per year (number involved) 5 of 8
  - d. Corporate Vice Presidents 8 hours per year (number involved) 2 of 3
  - e. Chief Nuclear Officer 0 hours per year



1. Type of Inspection, audit or evaluation:

INPO Evaluations

2. Based on actual experience over the past several years, about how often is this activity conducted?

Approximately one evaluation every 18 months. Most recent evaluation at IP3 was conducted in June, 1988.

3. Operations/Construction areas covered:

All areas of plant operation including organizational structure and administration, operations, maintenance, radiological protection, chemistry, technical specifications, instrumentation and control, and training.

4. Extent of activity (how many people, for how long)

Approximately 15 evaluators for 2 weeks.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 432 hours per year (number involved) 9 of 10
  - b. Plant Manager 60 hours per year
  - c. Corporate Department Heads 46 hours per year (number involved) 6 of 8
  - d. Corporate Vice Presidents 36 hours per year (number involved) 3 of 3
  - e. Chief Nuclear Officer 11 hours per year

### Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

Insurers (ANI)

2. Based on actual experience over the past several years, about how often is this activity conducted?

Two per year.

3. Operations/Construction areas covered:

Fire Protection; Overall nuclear assessment including health physics, radiation protection, chemistry, operations, maintenance, technical support, emergency planning, and training.

4. Extent of activity (how many people, for how long)

Ranging from 1 to 3 auditors for 1 to 3 days.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 99 hours per year (number involved) 7 of 10
  - b. Plant Manager 8 hours per year
  - c. Corporate Department Heads 11 hours per year (number involved) 1 of 8
  - d. Corporate Vice Presidents 8 hours per year (number involved) 1 of 3
  - e. Chief Nuclear Officer 0 hours per year

## Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

EPA

2. Based on actual experience over the past several years, about how often is this activity conducted?

Never.

3. Operations/Construction areas covered:

Not Applicable.

4. Extent of activity (how many people, for how long)

Not Applicable.

I

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 0 hours per year (number involved) 0 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 0 hours per year (number involved) 0 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year



## Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

OSHA

2. Based on actual experience over the past several years, about how often is this activity conducted?

Never.

3. Operations/Construction areas covered:

Not Applicable.

4. Extent of activity (how many people, for how long)

Not Applicable.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 0 hours per year (number involved) 0 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 0 hours per year (number involved) 0 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year

## Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

DOT

2. Based on actual experience over the past several years, about how often is this activity conducted?

Never.

3. Operations/Construction areas covered:

Not Applicable.

4. Extent of activity (how many people, for how long)

Not Applicable.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 0 hours per year (number involved) 0 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 0 hours per year (number involved) 0 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year

# Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

State/Local Authorities: NY State Department of Environmental Conservation (DEC)

2. Based on actual experience over the past several years, about how often is this activity conducted?

Five State Pollutant Discharge and Elimination System (SPDES) permit inspections and 1 hazardous waste inspection per year.

3. Operations/Construction areas covered:

Discharge limits and hazardous waste removal.

4. Extent of activity (how many people, for how long)

One inspector for one day.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 20 hours per year (number involved) 1 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 11 hours per year (number involved) 1 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year



# Generic Letter No. 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

Other (Specify) - FEMA

2. Based on actual experience over the past several years, about how often is this activity conducted?

Once every 2 years.

3. Operations/Construction areas covered:

Emergency planning.

4. Extent of activity (how many people, for how long)

Six people for approximately 4 months.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 0 hours per year (number involved) 0 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 11 hours per year (number involved) 1 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year

### Attachment II to IPN-90-011/JPN-90-020

### New York Power Authority James A. FitzPatrick Nuclear Power Plant

#### Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

NRC Team Inspections

2. Based on actual experience over the past several years, about how often is this activity conducted?

Four or five per year including: operator requalification examination every two years and; an annual emergency preparedness team inspection each year.

3. Operations/Construction areas covered:

SSFI (System Safety Functional Inspection), Emergency Operating Procedures (EOPs), probabilistic risk assessment (PRA), operations, maintenance, radiation protection, health physics, chemistry, emergency planning, technical services, training programs, operator requalification programs, fire protection, instrument procedures and recordkeeping.

4. Extent of activity (how many people, for how long)

From 1 inspector for 1 week (40 man-hours) to as much as 12 inspectors for 2 weeks (960 man-hours).

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 1338 hours per year (number involved) 9 of 10
  - b. Plant Manager 70 hours per year
  - c. Corporate Department Heads 455 hours per year (number involved) 7 of 8
  - d. Corporate Vice Presidents 56 hours per year (number involved) 3 of 3
  - e. Chief Nuclear Officer 42 hours per year

## Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

Other NRC Resident, Regional and Headquarters inspections/audits.

2. Based on actual experience over the past several years, about how often is this activity conducted?

Approximately twenty-six per year including the Resident Inspectors's monthly inspections.

3. Operations/Construction areas covered:

Operations, maintenance, radiation protection, health physics, chemistry, emergency planning, technical services, training programs, operator requalification programs, fire protection, instrument procedures and recordkeeping.

4. Extent of activity (how many people, for how long)

1-2 inspectors for approximately 1 week plus the Resident Inspector whom is onsite everyday.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 940 hours per year (number involved) 7 of 10
  - b. Plant Manager 200 hours per year
  - c. Corporate Department Heads 140 hours per year (number involved) 6 of 8
  - d. Corporate Vice Presidents 31 hours per year (number involved) 3 of 3
  - e. Chief Nuclear Officer 7 hours per year

## Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

**NRC-Required QA Audits** 

2. Based on actual experience over the past several years, about how often is this activity conducted?

A total of approximately 10-12 per year. These audits can cover more than one functional area and include: 6 per year in the area of training; once per year for security; 6 per year covering emergency planning; 6-8 per year for health physics and chemistry; and, 1 per year for instrumentation and control.

3. Operations/Construction areas covered:

Areas required by technical specifications including: security, fire protection, radiation protection, etc. Other audits include: training, emergency preparedness, health physics, chemistry, environmental qualifications, operations, QC-related documentation for Instrumentation and Control, measurement and testing equipment.

4. Extent of activity (how many people, for how long)

One to three inspectors for approximately one week.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 521 hours per year (number involved) 8 of 10
  - b. Plant Manager 30 hours per year
  - c. Corporate Department Heads 220 hours per year (number involved) 5 of 8
  - d. Corporate Vice Presidents 8 hours per year (number involved) 2 of 3
  - e. Chief Nuclear Officer 0 hours per year

# Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

INPO Evaluations

2. Based on actual experience over the past several years, about how often is this activity conducted?

Approximately one evaluation every 18 months.

3. Operations/Construction areas covered:

All areas of plant operation including operations, maintenance, health physics, technical specifications, instrumentation and control, and training.

4. Extent of activity (how many people, for how long)

Approximately 18 - 20 inspectors for 2 weeks.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 392 hours per year (number involved) 9 of 10
  - b. Plant Manager 120 hours per year
  - c. Corporate Department Heads 60 hours per year (number involved) 7 of 8
  - d. Corporate Vice Presidents 36 hours per year (number involved) 3 of 3
  - e. Chief Nuclear Officer 11 hours per year



# Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

Insurers (ANI)

2. Based on actual experience over the past several years, about how often is this activity conducted?

Once every one or two years.

3. Operations/Construction areas covered:

Fire protection (conducted every 1 or 2 years). Overall nuclear assessment (approximately annually) including health physics, radiation protection, operations, maintenance, technical support, training and instrumentation and control.

4. Extent of activity (how many people, for how long)

Approximately one to three inspectors for one week.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 91 hours per year (number involved) 7 of 10
  - b. Plant Manager 6 hours per year
  - c. Corporate Department Heads 26 hours per year (number involved) 3 of 8
  - d. Corporate Vice Presidents 8 hours per year (number involved) 1 of 3
  - e. Chief Nuclear Officer 0 hours per year

# Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

EPA

- 2. Based on actual experience over the past several years, about how often is this activity conducted?
- 3. Never.
- 4. Operations/Construction areas covered:

Not applicable.

5. Extent of activity (how many people, for how long)

Not applicable.

- 6. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 0 hours per year (number involved) 0 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 0 hours per year (number involved) 0 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year



# Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

OSHA

2. Based on actual experience over the past several years, about how often is this activity conducted?

Never.

3. Operations/Construction areas covered:

Not applicable.

4. Extent of activity (how many people, for how long)

Not applicable.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 0 hours per year (number involved) 0 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 0 hours per year (number involved) 0 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year



# Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

DOT

2. Based on actual experience over the past several years, about how often is this activity conducted?

Variable.

3. Operations/Construction areas covered:

Radwaste shipments.

4. Extent of activity (how many people, for how long)

Variable.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 20 hours per year (number involved) 1 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 0 hours per year (number involved) 0 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year

# Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

State/Local Authorities : NY State Department of Environmental Conservation (DEC)

2. Based on actual experience over the past several years, about how often is this activity conducted?

Annually.

3. Operations/Construction areas covered:

Environmental areas.

4. Extent of activity (how many people, for how long)

One inspector for 3 or 4 days.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 8 hours per year (number involved) 1 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 10 hours per year (number involved) 1 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year

## Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire Sheet

1. Type of Inspection, audit or evaluation:

Other (Specify) - FEMA

2. Based on actual experience over the past several years, about how often is this activity conducted?

Once every 2 years.

3. Operations/Construction areas covered:

Emergency planning.

4. Extent of activity (how many people, for how long)

Four to six inspectors for 3 or 4 months.

- 5. Approximate percentage of total time (on an annual basis) which the following managers must spend in direct involvement before, during, and after in response to the activity described in Item #1.
  - a. Plant Department Heads 30 hours per year (number involved) 1 of 10
  - b. Plant Manager 0 hours per year
  - c. Corporate Department Heads 10 hours per year (number involved) 1 of 8
  - d. Corporate Vice Presidents 0 hours per year (number involved) 0 of 3
  - e. Chief Nuclear Officer 0 hours per year

## Attachment III to IPN-90-011/JPN-90-020

#### New York Power Authority

Generic Letter 90-01 NRC Regulatory Impact Survey Questionnaire List of Key Personnel

#### Indian Point 3 (IP3) Nuclear Power Plant

#### Resident Manager

Department Heads: Superintendent of Power Operations Superintendent Training Superintendent Safety and Fire Protection Superintendent Security Manager Maintenance Superintendent Technical Services Superintendent Radiological and Environmental Services Superintendent Instrumentation and Control Superintendent Quality Assurance Superintendent

#### James A. FitzPatrick (JAF) Nuclear Power Plant

Resident Manager

Department Heads: Superintendent of Power Operations Superintendent Training Superintendent Superintendent of Security and Safety Emergency Planning Coordinator Maintenance Superintendent Technical Services Superintendent Radiological and Environmental Services Superintendent Instrumentation and Control Superintendent Site Quality Assurance Superintendent

## **Corporate Office**

Chief Nuclear Officer: Executive Vice President - Nuclear Generation

Corporate Vice Presidents: Vice President - Nuclear Support Vice President - Nuclear Engineering Vice President - Nuclear Operations

Corporate Department Heads:

With Responsibility for Both IP3 and JAF: Director - Nuclear Design and Drafting Director - Nuclear Engineering and Design Director - Security, Safety and Fire Protection Director - Quality Assurance Director - Radiological Health and Chemistry

With Responsibility for IP3 Only:

Director - Nuclear Licensing (PWR)

Director - Project Engineering (PWR)

Director - Nuclear Operations and Maintenance (PWR)

With Responsibility for JAF Only:

Director - Nuclear Licensing (BWR)

Director - Project Engineering (BWR)

Director - Nuclear Operations and Maintenance (BWR)