



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

November 8, 1995

MEMORANDUM TO: Richard W. Cooper II, Director  
Division of Reactor Projects

FROM: Curtis J. Cowgill, Chief *Cowgill*  
Reactor Projects Branch 2

SUBJECT: AUGMENTED INSPECTION COVERAGE DURING INDIAN POINT 3 RESTART

I plan to augment the Indian Point 3 resident staff and provide around-the-clock inspection coverage during the Indian Point 3 restart from its current unplanned outage. The augmented inspection is necessary to reconfirm and reassess the licensee's ability to operate the plant safely in light of the recent poor operational performance. The primary objectives of the inspection are:

- to assess and validate that operators are adhering to procedures in accordance with recently conveyed management expectations and rules. These new expectations and rules provide much stricter controls with regard to procedural adherence;
- to determine whether the quality of procedures can support the new procedural adherence rules, or whether the licensee has adequate resources to address procedural problems. The operations shift must not be overly encumbered by the procedure and maintain a proper focus on the plant;
- to observe the level of formality in the conduct operations. Areas of concern are shift turnovers and communications; and,
- to evaluate the effectiveness of the licensee's corrective actions and self assessments in the area of operations performance.

The coverage will be performed in two phases. The first phase will consist of conducting extended backshift inspections to observe reactor coolant system filling and venting, drawing a pressurizer bubble, performing checkoff lists, and heating the plant above cold shutdown. Also the NRC will confirm mode changes. This part of the inspection will provide timely feedback to management before the licensee takes the reactor critical. The second phase will consist of reactor startup activities. During this time, there will be round-the-clock coverage for several days. The coverage will begin about one shift before control rods are pulled until the main generator is synchronized to the grid. The total around-the-clock coverage will be about five days. A more detailed plan is enclosed.

Richard W. Cooper, II

2

Enclosure: As stated

cc w/encl:  
T. Martin, RA  
W. Kane, DRA  
J. Wiggins, DRS  
R. Blough, DRS  
R. Barkley, DRP  
B. Welling, DRP  
J. Zwolinski, NRR  
T. Marsh, NRR  
NAP Members

# AUGMENTED INSPECTION COVERAGE FOR THE INDIAN POINT 3 STARTUP

## NRC INSPECTION COVERAGE

The NRC will conduct expanded coverage of startup activities during the forthcoming startup. This will consist of extended backshift coverage to observe activities associated with plant heatup. Specifically the NRC will confirm each mode change. Twenty-four hour shift inspection coverage will be performed starting about one shift hours before control rods are pulled until the main generator is synchronized to the grid. The period of 24 hour coverage will last about 5 days. The Branch Chief, after conference with Senior Resident Inspector, will allow relaxation of the 24 hour coverage to monitor other significant evolutions or in the event of plant equipment problems which put the startup on hold until repaired.

## INSPECTION ACTIVITIES

The following key activities should be reviewed while on shift coverage, as a minimum:

- Startup prerequisites (including some independent verification)
- Pre-startup shift crew turnovers and briefings
- Plant management meetings and discussions at various startup plateaus
- Generator synchronization
- Critical startup activities
- Safety-related surveillance testing
- Safety-related maintenance
- Operator Rounds (selected)

## LOGISTICS

Each inspector providing shift coverage will be assigned to work a designated 8 hour period, typically shadowing the licensee's shift schedule. The inspector should record routine observations (positive and negative) and all significant findings or potential safety concerns. A single shift inspector log book will be maintained so that all field notes and observations are located in one document. In addition to the above inspection activities, inspectors should observe the following:

- Operator performance, attentiveness, and formality, including attitude with respect to nuclear safety
- Non-licensed operator performance
- Procedure implementation/adherence
- TS compliance
- Non-routine event response
- Upper management involvement
- Control room awareness of on-going plant activities
- Conduct of special testing

- Role of QA/QC during job performance
- Problem solving

#### DOCUMENTATION

All inspectors will provide writeups to the resident staff for incorporation into the monthly resident report.

#### Inspection Effort Members

DRS	(2)	To be determined
DRP	Branch 2	Blake Welling
	Branch 6	1 Week of Norm Blumberg's time to be determined
NRR	(1)	To be determined