



Template NRR-056

UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

January 3, 2000

Mr. A. Alan Blind
Vice President, Nuclear Power
Consolidated Edison Company
of New York, Inc.
Broadway and Bleakley Avenue
Buchanan, NY 10511

SUBJECT: SITE SPECIFIC WORKSHEETS FOR USE IN THE NRC'S SIGNIFICANCE DETERMINATION PROCESS

Dear Mr. Blind:

The purpose of this letter is to provide you with one of the key implementation tools to be used by the NRC in the revised reactor oversight process, which is currently expected to be implemented at Indian Point Nuclear Generating Unit No. 2 in April 2000. Included in the attached Risk-Informed Inspection Notebook are the Significance Determination Process (SDP) worksheets that inspectors will be using to risk characterize inspection findings. The SDP is discussed in more detail below.

On January 8, 1999, the NRC staff described to the Commission plans and recommendations to improve the reactor oversight process. These recommendations were contained in SECY-99-007, "RECOMMENDATION FOR REACTOR OVERSIGHT PROCESS IMPROVEMENTS" (Available on the NRC's Web Site www.nrc.gov/NRC/COMMISSION/SECYS/index.html). The new process, developed with stakeholder involvement, is designed around a risk-informed framework, which is intended to focus both the NRC's and licensee's attention and resources on those issues of more risk significance.

The performance assessment portion of the new process involves the use of both licensee submitted performance indicator (PI) data and inspection findings that have been appropriately categorized based on their risk significance. In order to properly categorize an inspection finding, the NRC has developed the SDP. This process was also described to the Commission in SECY 99-007A, "RECOMMENDATIONS FOR THE REACTOR OVERSIGHT PROCESS IMPROVEMENTS (FOLLOW-UP TO SECY-99-007)," dated March 22, 1999, also available on the above noted Web Site.

The SDP for power operations involves evaluating an inspection finding's impact on the plant's capability to: limit the frequency of initiating events; ensure the availability, reliability, and capability of mitigating systems; and to ensure the integrity of the fuel cladding, reactor coolant system, and containment barriers. The SDP involves the use of three tables. Table 1 is the estimated likelihood for initiating event occurrence during the degraded period. Table 2 describes how the significance is determined based on remaining mitigation system capabilities and Table 3 provides the bases for the failure probabilities associated with the remaining mitigation equipment and strategies.

As a result of the recently concluded Pilot Plant review effort, the NRC has determined that site-specific risk data is needed in order to provide a repeatable determination of the significance of

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an issue. Therefore, the NRC has contracted with Brookhaven National Lab (BNL) to develop site-specific worksheets to be used in the SDP review. These attached worksheets were developed based on your Individual Plant Examination (IPE) submittal that was requested by Generic Letter GL 88-20. The NRC plans to use this site-specific information in evaluating the significance of issues identified at your facility when the revised reactor oversight process is implemented industry wide. It is recognized that the IPE utilized during this effort may not contain current information. Therefore, the NRC or its contractor will conduct a site visit in the near future to discuss with your staff any changes that may be appropriate. We are not requesting written comments on the NRC's work product.

We will coordinate our efforts through your licensing or risk organizations as appropriate. If you have any questions please contact me at (301) 415-1421.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey F. Harold". The signature is written in a cursive style with a large, prominent initial "J".

Jefferey F. Harold, Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-247

Enclosure: Risk-Informed Inspection Notebook

cc w/encl: See next page

Indian Point Nuclear Generating Station
Units 1/2

Mayor, Village of Buchanan
236 Tate Avenue
Buchanan, NY 10511

Mr. F. William Valentino, President
New York State Energy, Research,
and Development Authority
Corporate Plaza West
286 Washington Ave. Extension
Albany, NY 12203-6399

Mr. John McCann
Manager of Nuclear Safety and
Licensing
Consolidated Edison Company
of New York, Inc.
Broadway and Bleakley Avenue
Buchanan, NY 10511

Senior Resident Inspector
U. S. Nuclear Regulatory Commission
P.O. Box 38
Buchanan, NY 10511

Mr. Brent L. Brandenburg
Assistant General Counsel
Consolidated Edison Company
of New York, Inc.
4 Irving Place - 1822
New York, NY 10003

Charles Donaldson, Esquire
Assistant Attorney General
New York Department of Law
120 Broadway
New York, NY 10271

Ms. Charlene D. Faison, Director
Nuclear Licensing
Power Authority of the State
of New York
123 Main Street
White Plains, NY 10601

Mr. Thomas Rose
Secretary - NFSC
Consolidated Edison Company
Of New York, Inc.
708 First Avenue
New York, NY 10017

Regional Administrator, Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Paul Eddy
New York State Department of
Public Service
3 Empire State Plaza, 10th Floor
Albany, NY 12223

David Lochbaum
Nuclear Safety Engineer
Union of Concerned Scientists
1616 P Street N. W., Suite 310
Washington, D.C. 20036-1495

Steve Floyd
NEI
1776 I Street N.W., Suite 400
Washington, D.C. 20006