

February 14, 2003

MEMORANDUM TO: Peter W. Eselgroth, Chief
Projects Branch 2
Division of Reactor Projects

THRU: Richard J. Conte, Chief /RA/
Operational Safety Branch
Division of Reactor Safety

FROM: David M. Silk /RA/
Senior Emergency Preparedness Inspector
Operational Safety Branch
Division of Reactor Safety

SUBJECT: FEEDER TO INDIAN POINT UNIT 2 & 3 INTEGRATED
INSPECTION REPORT NOS. 50-247/03-003 & 50-286/03-002

The attached report is an integrated feeder for the Indian Point Units 2 and 3 Inspection Report Nos. 50-247/03-003 and 50-286/03-002, and contains the results of a combined in-office and on site emergency preparedness inspection conducted by David Silk and Daniel Barss, during January 6 - 29, 2003, utilizing the applicable attachment from the baseline inspection program procedure 7111404, Emergency Action Level and Emergency Plan Changes.

Attachment: Feeder to Indian Point Units 2 and 3 Integrated Inspection Report Nos. 50-247/03-003 & 50-286/03-002

cc w/attachment: (VIA E-MAIL)
W. Lanning, DRS
R. Crlenjak, DRS
W. Cook, DRP
P. Habighorst, SRI - Indian Point Unit 2
P. Drysdale, SRI - Indian Point Unit 3
R. Martin, DRP
DRS File

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OFFICE	RI/DRS		RI/DRS						
NAME	DSilk		RConte						
DATE	02/12/03		02/14/03						

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SUMMARY OF FINDINGS

IR 05000247/03-003 & 05000286/03-002 on 01/06-29/2003; Indian Point Units 2 and 3; Emergency Plan Changes.

This inspection was conducted by a region based inspector and an emergency preparedness specialist from NRR. The significance of issues is indicated by their color (Green, White, Yellow, Red) using IMC 0609 "Significance Determination Process" (SDP). Findings for which the SDP does not apply are indicated by "No Color" or by the severity level of the applicable violation. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described at its Reactor Oversight Process website at <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>.

Cornerstone: Emergency Preparedness

- No findings of significance were identified.

Report Details

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

1EP4 Emergency Action Level and Emergency Plan Changes

a. Inspection Scope

During a combined in-office and on site inspection during January 6 - 29, 2003, the inspectors reviewed recent changes in the EP area. Specifically, Unit 2 and Unit 3 emergency plans were combined into a common emergency plan. Also, certain implementing procedures for the emergency operation facility and the joint news center are now common to both units. A thorough review was conducted of aspects of the plan related to the risk significant planning standards (RSPS), such as classifications, notifications and protective action recommendations. A cursory review was conducted for non-RSPS portions. These changes were reviewed against 10 CFR 50.54(q) to ensure that the changes do not decrease the effectiveness of the plan, and that the changes as made continue to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E. For areas that minor clarifications would enhance the new emergency plan, the licensee generated condition reports (CRs) to evaluate the clarifications. All of the changes made to the emergency plan or implementing procedures are subject to future inspections to ensure that the result of the changes continues to meet NRC regulations.

b. Findings

No findings of significance were identified.

PARTIAL LIST OF PERSONS CONTACTED

Licensee

K. Finucan, EP Staff
F. Inzirillo, Manager Emergency Preparedness
D. Sullivan-Weaver, EP Staff
M. Wilson, EP Staff

ITEMS OPENED, CLOSED, AND DISCUSSED

Opened: None

Closed: None

Discussed: None

LIST OF BASELINE INSPECTIONS PERFORMED

71114-04 Emergency Action Level and Emergency Plan Changes

LIST OF ACRONYMS USED

CR Condition Report
EP Emergency Preparedness
RSPS Risk Significant Planning Standard

LIST OF DOCUMENTS REVIEWED

Emergency Plan for Indian Point Unit Nos 1 and 2, Rev 01-02a
Indian Point 3 Emergency Plan, Rev 46
Indian Point Energy Center Emergency Plan, Rev 02-01
IP-EP-251, Alternate Emergency Operations Facility, Rev 0
IP-EP-255, Emergency Operations Facility Management and Liaisons, Rev 1, 2
IP-EP-310, Dose Assessment, Rev 0
IP-EP-410, Protective Action Recommendations, Rev 0
IP-EP-510, Meteorological, Radiological & Plant Data Acquisition System, Rev 0
IP-EP-520, Modular Emergency Assessment & Notification System (MEANS), Rev 0
IP-EP-610, Emergency Termination and Recovery, Rev 0
IP-EP-620, Estimation of Total Population Exposure, Rev 0
IC/EALs, Initiating Conditions & Emergency Action Levels, Rev 9 (IP3)
IP-1001, Determining the Magnitude of Release, Rev 17, Void (IP3)
IP-1002, Emergency Notification and Communication, Rev 27, 28 (IP2)
IP-1003, Obtaining Meteorological Data, Rev 18, Void (IP3)
IP-1004, MIDAS Computer System, Rev 16, Void (IP3)
IP-1010, Central Control Room, Rev 6, 7, 8 (IP2)
IP-1013, Protective Action Recommendations, Rev 8, (IP2)
IP-1015, Radiological Monitoring Outside the Protected Area, Rev 10 (IP2)
IP-1017, Protective Action Recommendations for the Offsite Population, Void, Rev 13 (IP3)
IP-1019, Coordination of Corporate Response, Rev 11 (IP2)
IP-1021, Manual Update, Readout & Printout of Proteus Plant Parameter Data, Canceled (IP2)
IP-1023, Operation Support Center, Rev 19 (IP2)
IP-1026, Emergency Data Display, Rev 1 (IP2)
IP-1027, Personnel Accountability Rev 17 (IP2)
IP-1027, Emergency Personnel Exposure, Rev 13, (IP3)
IP-1030, Emergency Operations Facility, Rev 8 (IP2)
IP-1030 Emergency Operations Facility, Rev 7 (IP2)
IP-1035, Technical Support Center, Rev 17 (IP2)
IP-1050, Security, Rev 4 (IP2)
IP-1050, Accountability, Rev 28 (IP3)
IP-1054, Search and Rescue Teams, Rev 11 (IP3)
IP-2001, ED, POM, Shift Managers Procedure, Rev 16, 17 (IP3)
IP-2003 CR Watch Chemist, Rev 6 (IP3)
IP-2200, Emergency Activation of the Operations Support Center, Rev 7 (IP3)
IP-2201 OSC Manager, Rev 9 (IP3)
IP-2204, OSC Team Leader, Rev 3 (IP3)
IP-2209, OSC HP Technician, Rev 5
IP-2301, Emergency Director, Void (IP3)
IP-2302, EOF Technical Advisor & Information Liaison, Rev 10 (IP3)
IP-2310, EOF Onsite Radiological Communicator, Rev 4 (IP3)
IP-2400, Emergency Activation of the Alternate Emergency Operations Facility, Void (IP3)
IP-2500, Security Emergency Activation Responsibilities, Rev 12 (IP3)
IP-2600, Emergency Termination & Transition to Recovery, Rev 4, Void (IP3)
IP-2601, Recovery Manager, Rev 1, Void (IP3)
IP-2602, Development of Recovery Plan, Rev 1, Void (IP3)
IP-2603, Recovery Support Group Manager, Rev 1
10CFR50.54(q) review for IPEC Emergency Plan
10CFR50.54(q) review for IP-EP-410

EP-AD-02, Emergency Planning Controlled Documents, Rev 3
EP-AD-03, Emergency Response Organization Training Program, Rev 1
Emergency Response Training Program Curriculum, Rev 16
TNG-AD-18, Emergency Response Training Program, Rev 8
QA-AD-3, IP3 Audit Program, Rev 5

Condition Reports Generated During this Inspection

- CR-IP3-2003-00480 Addresses minor issues associated with the development of the new plan. Items include the handling of the lead accountability officer function, description of the Safety Team Lead position, inclusion of core exit thermal couples as instrumentation used, specifying a two hour joint news center activation goal, distribution and updating of EALs to State and County locations, clarification of drill applicability for the two units, and removal of extraneous "*****" from Table B-1.
- CR-IP3-2003-00493 Addresses review of Table B-1 staffing for a dual unit site with regards to Technical Specification staffing requirements.
- CR-IP3-2003-00457 Addresses need to update emergency plan regarding KI when decision is finalized by the State.