



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

September 15, 1998

MEMORANDUM TO: Indian Point 2 Assessment Panel (IP2AP) Members
FROM: John F. Rogge, IP2AP Panel Leader *John F. Rogge*
SUBJECT: MINUTES FROM IP2AP MEETING 98-07

IP2AP meeting 98-07 began at 10:30 a.m. on August 26, 1998. John Rogge opened the meeting by outlining the agenda for the meeting and discussing the last meeting minutes. There were no corrections to the meeting minutes for IP2AP Meeting 98-06 as published. The emphasis of this meeting was placed on assessing IP-2 performance prior to restart to ensure that no NRC concerns remained regarding the readiness for unit restart. Rob Temps discussed recent plant events at IP2 and the current schedule for restarting the plant. The earliest estimate for restarting Indian Point 2 (i.e. reactor criticality) was September 1st.

Rob Temps then proceeded to discuss Con Edison's restart schedule and possible impediments to their restart. He noted that the Readiness Review Panel had only four issues at the time which required signoffs to permit the plant to go above 350F. Operations was occupied at the time completing system lineup checkoff lists. He noted that in response to recent performance issues involving Operations, the Shift Watch Supervisors (SWSs) were moved into a newly constructed office in the control room to permit direct observation and supervision of the control room operators. A number of the SWSs duties were transferred to the Support Facilities Supervisor (SFS) who is located outside the control room. Additional corrective actions were being formulated by an ongoing Preventing Operational Occurrences Team chartered to address such performance issues.

Regarding recent plant events, Rob noted that an August 23rd event which led to a small, unplanned RCS cooldown was caused by operators not knowing and/or understanding the effect on the plant when Instrumentation and Controls technicians removed three of four RCS temperature indicators for testing. This event was given substantial emphasis by management as an indication of unacceptable performance and an area where they feel performance improvement is needed. As a corrective action for this event, an impact statement is now provided for each test performed in the control room to indicate the equipment impacted by the ongoing test and adhesive labels are applied to all annunciators which are expected to actuate during the test. In addition, Con Edison has noticed that they experience many of their human performance problems when the station is involved in a large amount of emergent work. In response, Con Edison is in the process of developing trigger points to control the amount of emergent work to prevent such problems in the future. However, Rob noted overall that operator performance has improved as evidenced by better communications, configuration control and alarm responses.

ITEM # 9

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Rich Barkley noted that the Restart Plan Issues and Inspection Schedule was updated on August 21 with substantial input from Len Prividy, Rob Temps and Tony McMurtray. Significant progress had been made at completing all of the items on that list. Comments and corrections to the list were solicited during the meeting and added to the list. Discussion and comments were also made regarding a draft status briefing prepared for Hub Miller to brief him on the completion status of Con Edison's commitments as documented in CAL 98-005. Additional comments on this briefing paper were received following the meeting. This paper is being finalized and will be issued to document the results of the Assessment Panel's review of the completion of the commitments in CAL 1-98-005 and the readiness of the plant for restart. Finally, a watch bill was proposed and accepted which detailed the level of NRC oversight planned for the pending restart of Indian Point 2.

The Assessment Panel meeting adjourned around 12:30 p.m.

IP2AP Members & Alternates:

H. Miller, RA (Observer)
C. Hehl, DRP *
S. Bajwa, NRR *
L. Prividy, DRS (Alternate)*
J. Rogge, DRP *
R. Temps, SRI - Indian Point 2 *
R. Barkley, DRP*

* Participating IP2AP Member

Distribution:**Region I Docket Room (w/concurrences)****H. Miller, RA****W. Axelson, DRA****R. Crlenjak, DRP****J. Wiggins, DRS****G. Kelly, DRS****B. McCabe, OEDO****R. Barkley, DRP****L. Privity, DRS****S. Schwind, RI - Indian Point 2****R. Junod, DRP**