



May 21, 1996

**United States Nuclear Regulatory Commission**  
**Attention: Document Control Desk**  
**Washington, D.C. 20555**

**Subject:** Progress Update for LaSalle County Station  
NRC Docket Nos. 50-373 and 50-374

**Reference:** John C. Brons letter, to U. S. Nuclear Regulatory  
Commission, dated December 26, 1996.

In December 1995, ComEd presented information to the NRC staff regarding performance goals for each of the ComEd Nuclear Power Stations. Within the presentation, LaSalle Station identified 34 specific actions to be completed by April 30, 1996. This transmittal is intended to report the status of those actions. Of the 34 actions identified, 29 met the performance objective. A description of the actions taken is shown in the attachment to this letter.

Two of the incomplete actions are first line supervisor training, and installation of a water treatment skid that will reduce the number of work arounds. Training will be performed during May and June. The water treatment skid is scheduled for installation in June. The station dose goal and the number of LERs due to human performance errors are performance measures where our performance has improved from the past, but has not met our objectives. The Reactor Recirc valve 23B rebuild work was rescheduled for L1R08.

The number of human performance error LERs for 1996 is currently at three. We have implemented short term corrective actions, and are currently in the process of developing a long term plan to address overall human performance. One of our Senior Managers is leading this effort.

Our dose goals for the year and for the outage were made prior to the authorization of additional budget funds. These additional funds are allowing us to make materiel condition improvements beyond our original 1996 scope. While the additional funding for materiel condition improvements is a positive action, our 1996 dose results will exceed our original projection due to added work scope. We are currently in the process of identifying a materiel condition addendum dose goal for materiel condition work.

030056

Acc'd  
11/1

960521  
9606030256  
PDR ADOCK 05000373  
PDR

With this added funding, we have the needed funds to make substantial materiel condition improvements. These improvements are planned for 1996-1998.

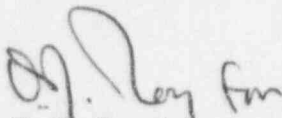
In summary, LaSalle's performance continues to improve. We continue to improve as a learning organization. Materiel Condition Addendum funding is allowing us to address plant systems that have caused problems in the past. Two long term problems we have address recently are turbine building ventilation, restoring negative pressure, and the Unit 1 high main steam line temperature isolation signal work around issue. The Unit 2 high main steam line temperature isolation work around will be resolved in L2R07.

Attached is a summary of actions taken in support of these performance goals.

The LaSalle team is committed to continued performance improvement. We have a number of initiatives underway to help our improvement including leadership training, quality training and development, and workforce involvement. We have identified goals, objective plans, and clear measures to assess our progress.

If there are any questions or comments concerning this letter, please refer them to me at (815) 357-6761, extension 3600.

Respectfully,



R. E. Querio  
Site Vice President  
LaSalle County Station

Enclosure

cc: H. J. Miller, NRC Region III Administrator  
P. G. Brochman, NRC Senior Resident Inspector - LaSalle  
D. M. Skay, Project Manager - NRR - LaSalle  
F. Niziolek, Office of Nuclear Facility Safety - IDNS  
Central File

## ATTACHMENT

This attachment describes the actions taken to satisfy the performance goals made to the U.S. Nuclear Regulatory Commission (NRC) in the J. Brons letter to the NRC dated December 26, 1995. The actions with an asterisk were not completed.

### **SIGNIFICANT WORK ACTIONS TO BE COMPLETED BY APRIL 30, 1996**

#### **HUMAN PERFORMANCE**

- Conservative Decision Making training for Engineering & Maintenance was completed as planned.
- Supervisors completed training in Quality First/Employee Concerns. This training was performed to increase the awareness of the Quality First Program. The training reviewed lessons learned from a recent Zion Station Enforcement Conference.
- \* Training of first line supervisors (FLS) in enhanced safety standards and MARC training was not completed by April 30, 1996. It was decided that specific safety standard training was not necessary, expectations have been developed that clearly define FLS responsibilities for safety. The MARC training for FLS will be administered in May and June, 1996.
- An Improved Design Process was developed and implemented. One hundred and twenty nine design changes have been developed under this simplified process.
- A "Design-It-Now" process was developed and implemented. Twenty four designs have been developed under this new process.
- The Monthly Report and associated trending has been upgraded to provide a consistent basis for monitoring station performance.
- One SRO per crew has been assigned to work in the Work Control Center. This will aid in the screening, prioritization and pre-authorization of work. This is an important component to the Operations In Charge philosophy.
- An Operating Crew participated in benchmarking to Nine Mile Point and Peach Bottom. The crew that visited Peach Bottom was comprised of both management and hourly personnel. We are pursuing worker engagement with the workforce in all of our activities, including benchmarking.

## ATTACHMENT

### **EQUIPMENT PERFORMANCE**

- Minor repairs have been made to condensate pumps, additional work will be necessary in 1996 and 1997 to replace all condensate pump impellers and complete the material condition addendum work. Work performed included Minor Repairs to CD Pump:

- (1) 940061561 - Inspected 1CD01PA thrust bearings
- (2) 950114384 - Repaired bearing housing 1CB01PA
- (3) 950032348 - Performed motor checks 1CO01PA
- (4) 960007048 - IS dated/repared rotor ground 1CD01PA
- (5) 960002265 - 1CD0PD - Inboard mech seal - work I.P

Additional work planned includes impeller replacement schedule for 1996 and 1997. Pumps 2A, 1A, 1C, 2B, and 1D have been rebuilt as a result of erosion damage to CB pump and abnormal wear of speed changer gears. Pumps 2C, 2D, 1B, and CB pump rebuild are scheduled for 1996.

Material Condition Improvement Budget Addendum Project:

Major Effort - Replace all CB pump impellers all Unit 2 CB pump impellers will be changed during L2R07. All Unit 2 CB pump impellers will be changed during L1R08. Additionally, mod will be made to the CB min flow control.

- Unit 1 B Reactor Recirc pump rotating element was replaced with a rebuilt unit during L1R07.
- Unit 1 B Reactor Recirc valve was rebuilt during L1R07; Unit 1 B Reactor Recirc valve was tested and minor repairs were made to the valve, such as packing, actuator replacement, and leak repair during L1R07.
- \* Reactor Recirc valve 67 was modified to a new design which will eliminate problems of valve disc guide wear. Reactor Recirc valve 23B was scheduled for L1R08.
- Unit 1 Suppression Pool was inspected for debris and thoroughly cleaned of all sludge that had accumulated at the bottom.
- Replaced Unit 1 Main Steam Isolation Valve outboard solenoid pilot valves and Main Steam Isolation Valve limit switches.
- Completed upgrades to Unit 1 Main Turbine Supervisory Instrumentation.

## ATTACHMENT

- Implemented design changes to increase main and auxiliary transformer reliability.
- Overhauled four circulating water traveling screens, and inspected two Circulating Water pumps.
- ★ The number of eliminated workarounds is thirteen vice eighteen. We are currently pursuing the elimination of an additional seven in the near term associated with the startup and operation of a new water treatment processing skid. The completion date for the operation of the new system is June 15, 1996. Elimination of workarounds remains a high priority at LaSalle County Station.
- Seven Unit 1 temporary system changes were eliminated.
- 129 Design changes were completed by April 30, 1996. Of these 108 were installed during L1R07 (6 are still in the testing phase), 99 are currently scheduled for L2R07, and 21 were installed online.
- The core shroud inspection for Unit 1 was completed. 100% of the accessible length of welds designated as H3, H4, H5, H6, and H8 were examined as part of a BWRVIP Category B inspection (Limited Inspection). Eight indications were recorded during the examination of the H4 weld. The eight indications are assumed to be IGSCC cracks. An evaluation of the indications determined that the H4 weld will continue to meet the required normal/upset and emergency/faulted condition safety factors with significant margin for at least one 24 month fuel cycle. No crack like indications were detected in any of the other welds examined.
- The six year inspection on main generator was completed during L1R07. No major repairs were required.
- The five year overhaul of 1A Turbine Driven Reactor Feed Pump was completed.
- The six year inspection of 1A Diesel Generator was completed during L1R07 and inspections revealed that the turbo charger needed replacement. Other portions of the DG indicated normal wear and no major repairs were required.
- The Eddy current testing on feedwater heaters was completed.



## ATTACHMENT

### **SIGNIFICANT WORK ACTIONS TO BE REALIZED BY APRIL 30, 1996**

#### **HUMAN PERFORMANCE**

- \* LaSalle's outage person rem performance is projected to be approximately 320 person rem. Outage extension and emergent scope account for the variance from the original goal of 264 person rem. Prior to L1R07, LaSalle's lowest exposure for a refueling outage was L2R06, during which the station exposure was 362 person rem.
- To date, lost time accidents for the year are zero.
- \* There have been three human performance LERs to date this year. We are concerned about the frequency of human performance events and are addressing our weaknesses in this area.
- Our weekly report of Nuclear Tracking System items has near zero to zero overdue items. We have experienced fluctuations between 0 - 3 overdue items per week. Clearly communicating the expectations on overdue items to the workforce appears to be the factor limiting 100% compliance.
- Requalification classes routinely achieve 100% pass rate on operator license requalification exams. However, no requalifications were accomplished during this time period.

## ATTACHMENT

### **EQUIPMENT PERFORMANCE**

- Outstanding Temporary System Changes have been reduced to 32.
- HPCS/RCIC reliability has been improved. Unit 1/2 unavailability is .0106 year to date.
- Design changes were installed to eliminate the workaround associated with high main steam line temperature for Unit 1. During L2R07 design changes will be installed to eliminate the same workaround for Unit 2. Also, during L2R07 the power supply for the Group IV isolation logic for the VQ and VR system isolation valves will be changed from RPS AC to 125 VDC. This change will prevent isolation of the Reactor Building Ventilation System (VR) upon the loss of a single RPS bus. The power supply change will be made on Unit 1 during L1R08.