Mr. C. A. McNeill, Jr. Vice-President Nuclear Public Service Electric and Gas P. O. Box 236 Hancocks Bridge, New Jersey 08038

Dear Mr. McNeill:

This is to confirm our intent to conduct a survey of your emergency data system capabilities for possible use as part of an Emergency Response Data System (ERDS). As discussed with Rod Patwell of your staff a team of three individuals: Cheryl Sakenas, NRC; Gary Bethke, Comex; and Jim Eberle, Phoenix; will be arriving at your facilities at 9:00 a.m. on June 10, 1986 to conduct the survey. For your information I am enclosing a copy of the ERDS survey checklist to be used during the visit with your facilities. If you have any questions please contact me at (301)492-4155.

Sincerely,

John B. Hickman
Incident Response Branch
Division of Emergency Preparedness
and Engineering Response
Office of Inspection and Enforcement

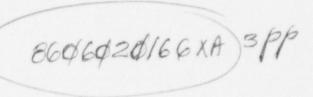
Enclosure: As stated

cc w/o enclosure: C. Sakenas, IE G. Bethke, COMEX J. Eberle, PHOENIX

Distribution:

IRB R/F J. Hickman R. Priebe K. Perkins

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PARTICIPANTS

FACILITY: Salem / Hore Creek

DATE: 6/10/86

Chery / Sixenas Jim Eberle Gary Bethre PHIL O'DONNELL PHIL OPSAL David B. Shaffer MARK E WOLUSKI MILTON ALLICOCIC O I AMES F. DAVIS, JA if an thonjan M LUNIURN & Weisenberger Joe CALAMITO HAY RAILEY JN Leech 7.D MARTIN T DENNIS 25 Patuell PT GLENNON RF YEWDALL

ORGANIZATION	PHONE
Phoenix Assoc.	301-654-0850
Comex Corp PSE+6 Solen System Emg	609-339-5116
PSE+G HOPE CROCK SHE. ENG. I-PB Compiles PSE+G PSE=G HC NUC SYSTEMS	609-339-3724
PSEGG CONTRUL SELECTRICAL DIV-NO	
NOVA	201-955-1112
PSEGG Compter GROUP PSEGG - Conguster France	609-339-4/38
PSEAL LICENSMA	609-339-4745
PSEFG Engl Computer	(409) 339- 4879
PSEFG RAD PROSERVICES	609 - 334 - 4750

ERDS BREIFING FOR LICENSEES

INTRODUCTION

Introduce NRC, COMEX & Phoenix staff

Express appreciation for cooperation and NRC desire to minimize impact on licensee in this information gathering process.

State objectives of this visit

To understand licensee's systems design (Phoenix) computer and telecommunications

To understand licensee's parameter set (COMEX) data characteristics/pedigree

Briefly Describe NRC Emergency Response Role (As Background)

Monitor the licensee to assure appropriate protective action is being taken with respect to offsite recommendations.

Support the licensee (technical analysis and logistic support).

Support offsite authorities, including confirming the licensee's recommendation to offsite authorities.

Keep other federal agencies and entities informed of the status of the incident.

Keep the media informed of the NRC's knowledge of the status of the incident, including coordination with other public affairs groups.

Briefly discuss objectives of ERDS

Mission oriented

NOT NDL (see attached comparison)

Only during event (ALERT)

Lessen impact on Licensee communicator

Less subject to error or voice data

Emphasize currently in "Feasibility Study" stage, only

ERDS

Identify limited parameters required (typically 60)

Least impact on licensee

Will accept data in licensee format

Will accept data at licensee frequency of updates

May need some software to assemble data points

If equipment is needed to deliver data stream from licensee port NRC will provide (eg, MODEM)

Licensee will activate data stream (OFF/ON Switch)

Most likely at ALERT level.

Not intended to provide earlier data.

Realtime data only

No flight recorder concept (earlier data provided by voice)

Demonstration with Commonwealth Edison and Duke Power

Very effective data capture

Less ENS voice traffic and higher quality discussions

Higher quality and prompt assessments

Provided adequate basis for confirming PM recommendations

Requirements analysis this visit

Computer Design (Phoenix describe)

Parameters (COMEX describe)

INVITATION

Visit NRC Operations Center

QUESTIONS

NDL VS ERDS

NDL

- * Automatic activation based on plant parameters. Potential regulatory tool.
- * Data continuously recorded at Operations Center.
- * Some connections direct to plant sensors, potentially degrading instrumentation.
- * Initial data list about 400 variables, later reduced to 125.
- * High cost due to requirement for a totally new system.
- * Extensive backfit, requiring dedicated onsite computer.
- * Increased data may encourage NRC to direct plant operation.
- * Accuracy and reliability are excellent.
- * Timeliness is excellent.
- * Completeness is potentially excellent due to parameter availability.
- * Reduces data gathering and transmission burden on licensees.

ERDS

- * Licensee activated. Probably at Alert level.
- * Data provided under emergency conditions only.
- * No direct connection.
- * Data list about 60 variables, comparable to SPDS set.
 - * Relatively low cost due to usage of existing systems.
 - * Minimal backfit, software for data assembly and modem for transmission.
 - * Limited data list necessary to assess plant safety.
 - * Accuracy and reliability are excellent.
 - * Timeliness is expected to be excellent. Initiation will depend on system configuration.
 - * Completeness is expected to be excellent. Site surveys have indicated good parameter coincidence.
 - * Reduces data gathering and transmission burden on licensees. Supplemental voice transmissions have been reduced.

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PSE26 (salem & Hope Creek)

Rod Patwell

(609) 339-4750

Will got back to me.

Call 1306 Summers , 17 I , 488 . 5115

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Atta C. A. Me Neill Va

VP Note

PO Bon 236

Hancocks Bridge NV 08038

Tim Dennis (609) 339-4879