JUN 14 1982

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Docket No. 50-387

APPLICANT: Pennsylvania Power & Light Company

FACILITY: Susquehanna Steam Electric Station, Unit 1

SUBJECT: SUMMARY OF MAY 18, 1982 MEETING REGARDING READINESS FOR FUEL LOADING AND LOW-POWER TESTING

On May 18, 1982, representatives of the NRC staff met with the applicant to discuss the status of the project, in particular those areas which must be closed out prior to the issuance of a low-power license. The meeting was held at the Susquehanna Steam Electric Station. A list of attendees is provided in Enclosure 1.

The purpose of the meeting was to provide for senior NRC management review of the application prior to issuance of a low-power license. The meeting began with a tour of the training center where the capabilities of the simulator were demonstrated. A simulation of a main steam line break inside containment was run as part of the demonstration. A tour of the facility was then conducted.

Following the plant tour the applicant made presentations in a number of areas. The following summarizes the applicant's presentation in these areas:

Status of Construction

The current scheduled fuel load date of July 1, 1982 is very tight and the applicant is approximately two weeks behind this schedule. The critical path to fuel load was discussed (See Enclosure 2). Unit 1 is essentially complete from a construction viewpoint. The following activities are in progress:

1) Application of paints/epoxy coatings
2) Placement of insulation inside containment
3) Rework on penetration seals in the control room
4) All hangers installed with verification in progress

Pacing items appear to be in the control room, including Unit 2 impacts, accomplishment of small fixes, design modifications and SPDS installation. Pre-operational tests of systems are 90% complete. The integrated leak test

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is in progress. Retest of the ECCS system is currently dependent on the control room work. Most plant areas have been turned over with the expectation that the remaining areas will be turned over by June 1.

Unique Design Considerations

Topics covered included the Advanced Control Room using computer generated CRT graphics, the Mark III Program with the development of T-Quenchers and installation of hangers, and the Security System.

Organization and Staffing

An overview of the applicant's organization for nuclear operations was presented with emphasis on the quality assurance organization and functions.

Independent Design Review

An overview of the Independent Design Review was provided by Dick Enos (Teledyne Engineering Services).

Other Significant Technical Issues

Environmental Qualification Program - Qualification of equipment is approximately 85% complete with 100% completion expected by first refueling outage.

Hydrod namicsQualification - Four major items remain outstanding:

1) Submittal of NSSS summary forms with exceptions and justification
2) Drywell to wetwell vacuum breakers - Vacuum breakers are not qualified with respect to pool swell loads. Tests will be conducted at the end May and on basis of results justification for interim operation will be provided.
3) HPCI Turbine - Qualification testing is scheduled for December 1982.
4) MSIV Actuators - Qualification testing is scheduled for June 1982.

Low Voltage on Safeguard Busses - Initial empirical testing has shown voltages on startup buses under LOCA conditions to be lower than predicted. Additional testing is scheduled to confirm findings.

Emergency Preparedness

The final EOF should be completed in July/August 1982. Implementing procedures are in place with 36 of 38 approved. The FEMA/NRC full scale drill was conducted on March 17-18, 1982. The Emergency Preparedness Audit was conducted in April 1982 resulting in 11 open items which the applicant expects to complete by mid-June 1982. School plans are complete and the FEMA letter on school plans expected by mid-June. Twenty-one of t enty-six transportation plans have been signed by the county emergency coordinators. Full scale test of the public sirens

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will be conducted the first week in June.

Open Item Status

1) Equipment Qualification Program - under NRC staff review
2) Fire Protection Review - under NRC staff review
3) Remote Shutdown Panel - awaiting applicant response
4) Continuous Diesel Loading under DBA - awaiting applicant response
5) Natural gas pipeline - awaiting applicant response

Responses to items 3, 4 and 5 are expected to be submitted within two weeks.

TMI Items

Of 31 open issues, the applicant stated that 17 are ready for review.

R. L. Perch, Project Manager
Licensing Branch No. 2
Division of Licensing

Enclosures:
As stated

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Enclosure 1

LIST OF ATTENDEES

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G. Rhoads

Pa. DER

T. Pollog

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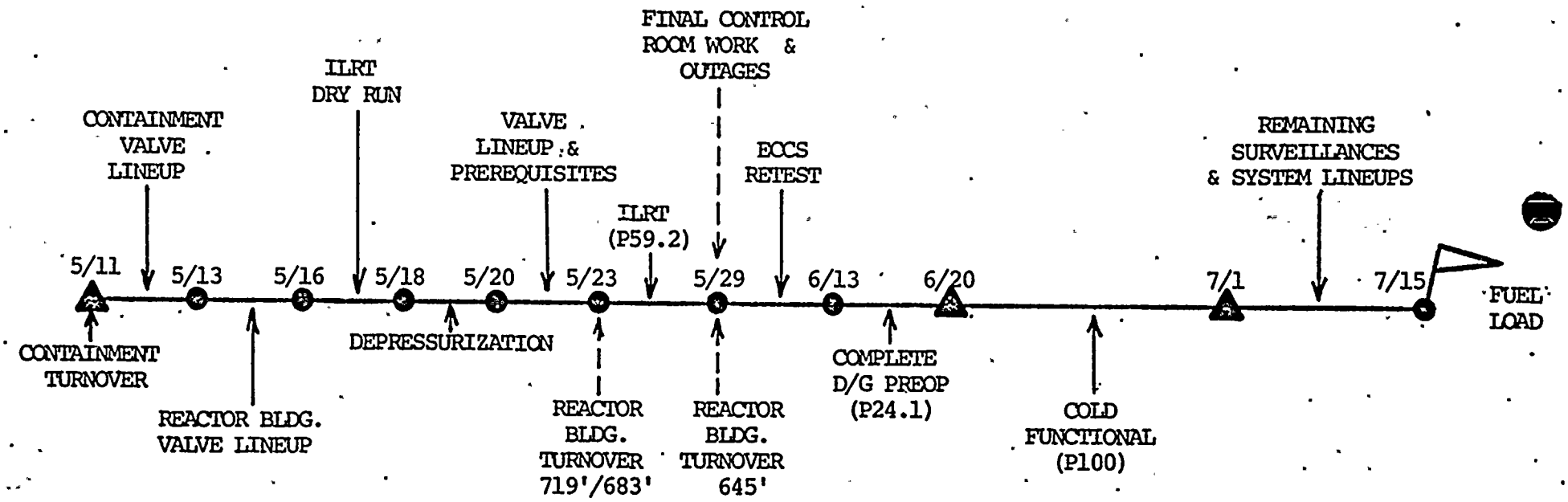
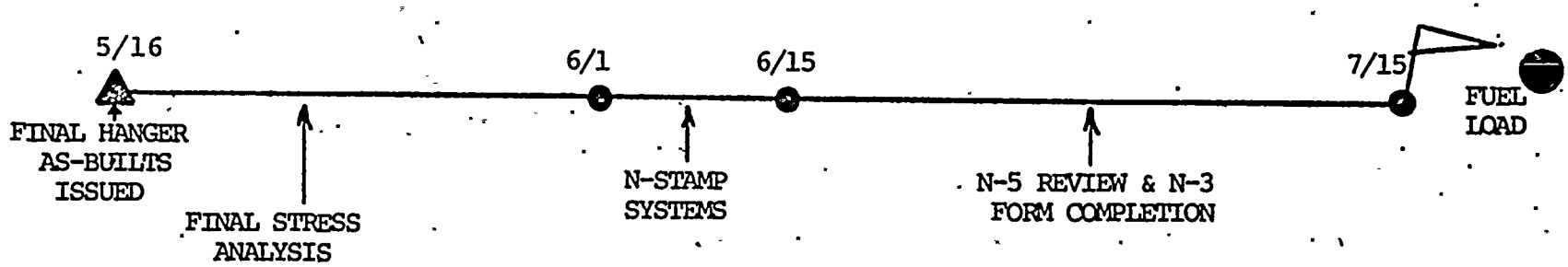
UNIT 1 CRITICAL PATH





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