



## Duquesne Light

Nuclear Construction Division  
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August 23, 1982

United States Nuclear Regulatory Commission  
Division of Licensing  
Washington, DC 20555

ATTENTION: Ms. E. Doolittle  
Project Manager

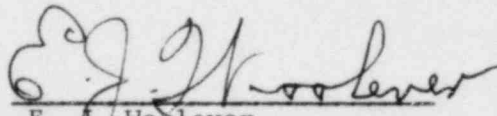
SUBJECT: Beaver Valley Power Station Unit No. 2  
Docket No. 50-412  
Agenda for DLC/NRC Meeting on 8/31/82

Dear Ms. Doolittle:

As per your request, the Duquesne Light Company (DLC) meeting planned for 8/19/82 is rescheduled. Enclosed is a copy of the meeting agenda now scheduled for August 31, 1982.

Should additional questions arise regarding this meeting, these may be directed to Mr. E. F. Kurtz, Manager, Regulatory Affairs (412-787-5141).

DUQUESNE LIGHT COMPANY

By   
E. J. Woblever  
Vice President

FLS/wjs  
Enclosure

cc: G. Walton, NRC Resident Inspector

3001

DLC/NRC MEETING AGENDA

LOCATION: NRC Office, Bethesda, MD

DATE: Tuesday, August 31, 1982

TIME: 9:30 A.M.

ATTENDEES:	E. J. Woolever	DLC	V.P. NCD
	R. J. Washabaugh	DLC	Project Manager - BV-2
	J. A. Hultz	DLC/OE	Deputy Project Manager - Lic./Eng.
	E. F. Kurtz	DLC	Mgr. Regulatory Affairs
	H. M. Siegel	DLC	Mgr. NCD Engineering
	W. H. Bohlke	S&W	Project Manager - BV-2
	W. J. Parker	S&W	Asst. Project Engineer - BV-2

AGENDA SUMMARY

PURPOSE:

Introduction of Project Management Personnel and initial discussion of licensing issues impacting DLC resources and licensing documents submittal.

INTRODUCTION (Attachment A):

- A. Introduction of key BVPS-2 Project Personnel and organization.
- B. Brief presentation of Project Status and Licensing schedule, goals and commitments.

ISSUES FOR DISCUSSION (Attachment B):

- A. PRA vice Class 9 Accident Analysis -- DLC proposes a deferment of Class 9 accident analysis in the initial ER submittal in order to prepare a more responsive and plant specific assessment which requires performing a Probabalistic Safety Study employing PRA techniques.
- B. Human Factors Engineering -- DLC is establishing a program to review current guidance and monitor the regulatory environment of this area. DLC has performed a human factors evaluation of the BVPS-2 Emergency Shutdown Panel. However, pending NRC finalization of guidelines in RG 1.70 or NUREG 0800, DLC proposes a deferment of this analysis results from the initial FSAR submittal.
- C. SRP Conformance Review -- Due to the scope of impact on the FSAR resources and effort of the recent change to 10CFR50.34 requiring identification of SRP conformance/deviations, DLC proposes a deferment of this material from its initial FSAR submittal. This will be provided 90 days after initial FSAR submittal.
- D. Technical Specifications -- DLC proposes a deferment of TS issue from the initial FSAR submittal due to the need to assure a maximum of reasonable operational consistency with BVPS-1. A working copy would be available to the NRC.

INTRODUCTION/PROJECT STATUS (BVPS-2 Docket No. 50-412):

A. PROJECT ORGANIZATION AND PERSONNEL INTRODUCTION:

1. Introduction of attendees.
2. Presentation of DLC Organization Chart (Attachment A-1)

B. PROJECT STATUS AND COMPLETION GOALS:

1. Project Status:

BVPS-2 is a 3-LOOP Westinghouse NSSS PWR, 2660 MWt, 870 MWe.  
The Construction Permit (CP) was issued May 1974.

- a. Construction is approximately 57% complete as of August 1, 1982.
- b. The FSAR is approximately 60% complete as of August 17, 1982.
- c. The ER is approximately 67% complete as of August 17, 1982.

2. Completion Goals:

DLC intends to submit the BVPS-2 FSAR/ER in the time "window" of 1/1/83 - 3/31/83 which is in support of our construction completion time "window" of 1/1/86 - 3/31/86.

- a. DLC assumes this licensing schedule based on recognition of current time periods associated with NRC review and licensing hearings.
- b. DLC is assuming that the NRC considers the above schedule to be realistic and foresees no other external problem impacting support of issuance of DLC's Operating License in support of BVPS-2's construction completion.
- c. The Anti-Trust Report (ATR) Update and the Application for License, General Information Section (GIS) Update will be filed with the NRC on the following tentative dates:

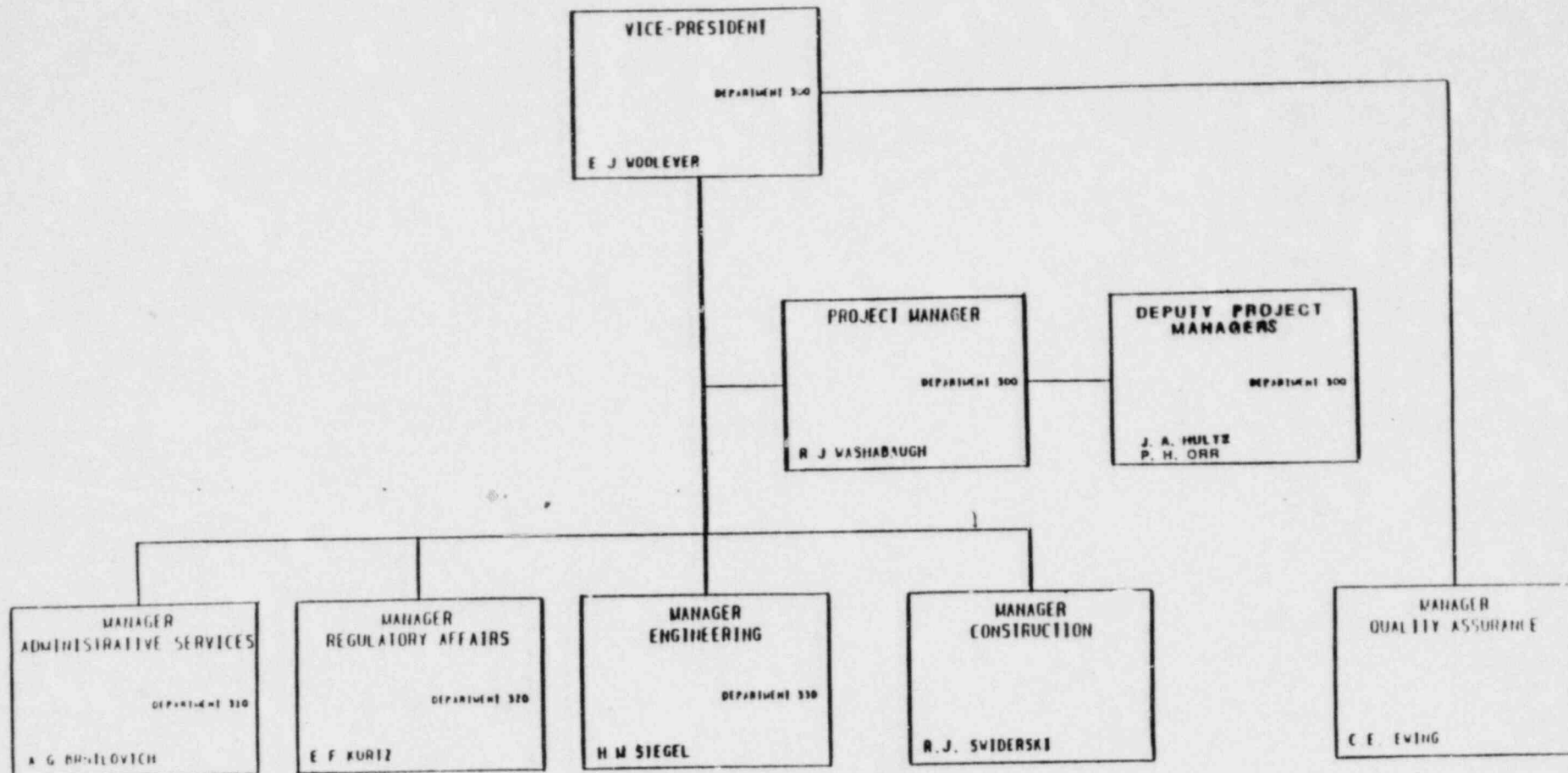
ATR Update: Nov. - Dec. 1982

GIS Update: Jan. - Feb. 1983

# DUQUESNE LIGHT COMPANY

## BEAVER VALLEY POWER STATION - UNIT 2 PROJECT ORGANIZATION

### NUCLEAR CONSTRUCTION DIVISION



FSAR/ER LICENSING ISSUES FOR DISCUSSION:

DLC in preparation of the FSAR/ER has recently completed a study confirming project status and resources as consistent with its current schedular goals. Arising out of this study, however, was identification of certain licensing issues which potentially impact the schedule and DLC resources and, therefore, were identified as specific issues for discussion.

As general information, it should be noted that DLC is preparing the FSAR and ER to the latest available guidance.

Specifically, the FSAR is being prepared to:

- a. Reg Gd 1.70, Rev 3
- b. NUREG 0800, "The Standard Review Plan"

The FSAR will, therefore, address the Action Items of NUREG 0737 and the Human Factors Engineering requirements in FSAR Chapter 18.

The ER is being prepared to:

- a. Reg Gd 4.2, Rev 2 (with NRC draft supplemental guidance)
- b. NUREG 0555, "Environmental Standard Review Plans"

It should be noted that ER preparation also recognizes the DLC/NRC discussions of November 10, 1981.

The specific issues identified for discussion at this meeting are:

- a. PRA vice Class 9 Accident Analysis (Attachment B-1)
- b. Human Factors Engineering (Attachment B-2)
- c. SRP (NUREG 0800) Conformance Review (Attachment B-3)
- d. Technical Specifications (Attachment B-4)

ISSUE: PRA vice Class 9 Accident Analysis

REQUIREMENT/ACTION:

An analysis of the impact of Class 9 Accidents on the environment is included in the ER as section 7.1. DLC proposes a deferment of this analysis from the initial ER submittal in order to prepare a more responsive and plant specific assessment which requires performing a Probabilistic Safety Study employing PRA techniques.

SCHEDULE:

The Class 9 Accident Analysis (ER section 7.1) will be submitted by October 1983.

The completed PRA report will be available in the first half of 1984.

BASIS:

To provide a more responsive as well as a more plant specific Class 9 Accident Analysis than is currently required, DLC has decided to commit the resources necessary to perform a PRA of BVPS-2. It should be noted that DLC does not consider BVPS-2 to be a "high density" plant as defined in SECY 80-283 and, therefore, is not required to perform a PRA. DLC intends for the PRA to be a "full scope" vs. "limited" PRA with the additional objective that it become a "living" document that may serve as the basis for long term safety review of the plant and be updated appropriately for plant design changes. As this commitment does represent significant additional resources and time, DLC requests Class 9 Accident Analysis deferral in accordance with above schedule which gives priority to the PRA only to the extent that sufficient information be obtained to support the issue of the ER section on Class 9 Accident Analysis.

ISSUE: Human Factors Engineering

REQUIREMENT/ACTION:

Noting that while Reg Gd 1.70 Rev. 3 does not contain requirements for an HFE assessment, NUREG 0800 does contain some criteria as FSAR Chapter 18. DLC proposes a deferment of this item from the initial issue of the FSAR.

SCHEDULE:

To be determined based on NRC finalization of guidelines.

BASIS:

It is recognized that while guidelines in NUREG 0800 are not finalized, regulatory guidance does exist. DLC is establishing a program to review current guidance and monitor the regulatory environment of HFE. Presently, DLC has performed a Human Factors Engineering evaluation on the Emergency Shutdown Panel for BVPS-2. DLC considers that the guidelines review and the existing evaluation will provide reasonable basis for the complete Human Factors Engineering evaluation program. A tentative schedule and brief scope of the program is planned for discussion at the next NRC/DLC interface meeting. The objective of such interface discussion is to assure efficient use of engineering resources and a Chapter 18 submittal consistent with NRC content and schedular needs.

ISSUE: SRP (NUREG 0800) Conformance Review

REQUIREMENT/ACTION:

A recent change to 10 CFR 50.34 now requires the FSAR to contain identification of the applicant's extent of conformance to the Standard Review Plan. Due to the scope of impact on the BVPS-2 FSAR resources, DLC proposes a deferment of this material from the initial issue of the FSAR.

SCHEDULE:

DLC will issue the FSAR section (Section 1.9) which will contain the "Conformance Review" within 90 days after FSAR submittal.

BASIS:

Planning, scheduling and realignment of resources for this effort preclude inclusion of the "Conformance Review" in the initial submittal given the current stage of the FSAR preparation and its scheduled submittal.



ISSUE: Technical Specifications

REQUIREMENT/ACTION:

Technical Specifications are contained within the Operating License as Chapter 16 of the FSAR. Due to the need to assure a maximum of reasonable operational consistency with BVPS-1, DLC proposes a deferment of Technical Specification issue from the initial FSAR submittal.

SCHEDULE:

The completed Technical Specifications (Chapter 16) will be submitted prior to SER issue.

BASIS:

Due to many of the recent design alterations resulting from both the normal design process and the regulatory requirements of recent years, much of the plant design is either recently finalized or being finalized. Operating procedures and limits therefore, have yet to be established. Further, DLC considers that BVPS-2 should strive for consistency with BVPS-1 operations to the extent possible, particularly since BVPS-1 has "standardized Technical Specifications. To achieve the desired consistency, therefore, DLC intends, during the third quarter of this year, to form a Technical Specification committee which will maintain a working copy of the Technical Specifications. This working copy would be available to the NRC upon request.