

MAY 24 1984

Docket No.: 50-412

APPLICANT: Duquesne Light Company (DLC)  
FACILITY: Beaver Valley Power Station, Unit 2 (BVPS-2)  
SUBJECT: RADIOLOGICAL ASSESSMENT MEETING SUMMARY

The NRC met with Duquesne Light Company on May 1, 1984 at the BVPS-2 site for a radiological assessment meeting and tour. A list of attendees is presented in Enclosure 1, and highlights of the tour are discussed in Enclosure 2.

In addition to the site tour, the purpose of the visit was to discuss open and confirmatory items identified in the BVPS-2 draft Safety Evaluation Report (SER). All four of the confirmatory items and two of the three open items were resolved at the meeting. Resolutions were reached following discussions with training and maintenance management personnel. The Radiological Operations Coordinator (ROC) was unavailable at the time of the meeting. However, through a conference call with the ROC on May 18, 1984, the related open item (#97) was resolved. The current status of all radiological assessment draft SER open and confirmatory items is presented in Enclosure 3. DLC stated that the responses would be submitted prior to the July 2, 1984 SER deadline, and FSAR revisions would be incorporated into Amendment 7.

The meeting was successful in closing out the open and confirmatory items, and the personnel provided by DLC were quite cooperative.

**ORIGINAL SIGNED BY**

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Division of Licensing

Enclosure: As stated

cc: See next page

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Enclosure 1

Radiological Assessment Meeting Attendees

<u>Name</u>	<u>Position</u>	<u>Organization</u>
Gary Beatty	Lead Licensing Engineer	DLC
Robert Vento	Radiological Programs Coord.	DLC
Bill Snider	Construction Specialist	DLC
Paul Allen	Lead Nuclear Technology Div.	Stone & Webster
Ed Cohen	Senior Health Physicist Spec.	DLC
Mark Pavlick	Senior Test Coordinator	DLC
Jim Kasunick	Sr. Mechanical Maint. Eng.	DLC
Tom Burns	Acting Director of Training	DLC
Bud Haney	Training Coordinator	DLC
Richard Serbu	Health Physicist	NRC/RAB
Marilyn Ley	Project Manager	NRC/DL
Joe Kosmal	Radiological Operations Coord.	DLC
(5/18/84 conference call only)		

## Enclosure 2

### 1. Plant Tour

The following areas and features were viewed during the tour of BVPS-2 and related facilities.

- a. airlock, equipment hatch - typical configuration, adequate for access/egress of personnel and equipment.
- b. cubicles - typical layout with labyrinth - more shield block walls utilized for ease of maintenance.
- c. equipment - piping layouts - changes from unit 1 design include improved work area for maintenance (e.g. charging pumps areas); better crane accessibility to cubicles in aux building; piping runs designed to not interfere with equipment removal.
- d. shield blocks - plugs & wall blocks of typical design to prevent streaming; designed for easy lifting.
- e. steam generator access platform - added following unit one experience in erecting/removing scaffolding.
- f. reactor coolant pumps - location, design, seal repair/replacement features improved from unit one.
- g. enclosed stairwell in containment- allow shielded access to containment levels.
- h. reactor cavity - no change from unit one - potential for overexposures controlled by locked access to ladder and administrative controls; poor visibility to locate leaks during refueling.

- i. spent fuel transfer tube - under construction.
  - j. refueling cavity/spent fuel pool - typical design.
  - k. spent fuel transfer tube & shielding - not installed, of total shielding design for < 50 mR/hr with fuel in transit.
  - l. H.P. offices & change areas - additional labs, offices & change areas (men & women) provided for Unit 2.
  - m. Spent fuel cask handling area - well-designed cask transfer and cask decon area, steel-lined cask washdown area.
  - n. Ventilation systems - typical designs, readily maintainable.
  - o. Painted surfaces - in containment and the aux building can ease future decon efforts.
2. As Built Model of Unit 2 - Stone & Webster has an as-built model layout (owned by DLC) which is used in construction to verify plans and design. Avoids costly removal of interferences and rebuilding; minimizes "field run" piping; reflects as-built condition down to electrical service outlets. Provides an excellent tool for ALARA design mods and a potential work planning/dose reduction tool during plant operations.

Enclosure 3

Status of RAB Confirmatory Items\*

<u>Item #</u>	<u>Status</u>	<u>Remarks</u>
12	closed	DLC will provide source and source control information in FSAR
13	closed	DLC will include cobalt verification in FSAR
14	closed	No further action
15	closed	No further action
16	closed	DLC will revise 12.5-10 of FSAR

Status of RAB Open Items\*

<u>Item #</u>	<u>Status</u>	<u>Remarks</u>
95	closed	DLC will list alternatives and file exemption to 10 CFR 70.24(a)
96	closed	DLC will submit Unit 1 data as an example, and describe Unit 2 instruments
97	closed	DLC will revise FSAR and submit information discussed via telephone on 5/18/84 with ROC

\*Pending formal submittal of information discussed.

MAY 24 1984

MEETING SUMMARY DISTRIBUTION

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PRC System  
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bcc: Applicant & Service List