

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In The Matter of)
)
)
COMMONWEALTH EDISON COMPANY) Docket Nos. 50-454 0L
) 50-455 0L
)
(Byron Nuclear Power Station,)
Units 1 & 2))

State of Illinois)
) SS.
County of Cook)

AFFIDAVIT OF LESLIE A. BOWEN

Leslie A. Bowen, being first duly sworn on oath
deposes and states as follows:

1. My name is Leslie A. Bowen. I am employed by
Commonwealth Edison Company as an Engineer in the Byron/
Braidwood Project Engineering Department. In that capacity,
I am generally familiar with the design of the Byron Nuclear
Power Plant and the equipment installed at the facility.

2. An auxiliary feedwater system is included as
part of the Byron design. This system is designed to supply
an independent source of water to the steam generators during
normal plant start-up, shutdown, and lay-up operations and
in the event of a loss of main feedwater supply. The system


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consists of two redundant safety-related essential trains and one nonessential train, all of which supply water to the four steam generators. One of the essential trains consists of a 100 percent-capacity direct-drive diesel pump. A separate pump which was manufactured and supplied by Hayward-Tyler Pump Company provides water to cool this diesel driven pump.

3. We have been informed that the NRC Division of Inspection and Enforcement, Region IV is currently investigating allegations concerning the certification of components produced by Hayward-Tyler. At this time, we are unaware of whether these allegations relate to the pumps installed at Byron, or whether the allegations are substantiated. Therefore, we have requested that the NRC Staff keep us advised of any relevant developments in an effort to determine whether there are any safety problems associated with the auxiliary feedwater cooling pumps installed at Byron.

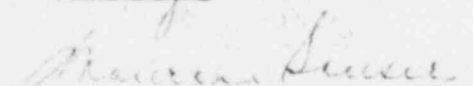
The foregoing affidavit is based on my own personal knowledge and is true in fact and substance.

Dated: May 20, 1982



Leslie A. Bowen

SUBSCRIBED AND SWORN to
before me this 20th day
of May, 1982.



Notary Public


CERTIFICATE OF SERVICE

DOCKET
USNRC

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The undersigned, one of the attorneys for Commonwealth Edison Company, certifies that on this date he filed two copies (plus the original) of the attached pleadings with the Secretary of the Nuclear Regulatory Commission and served a copy of the same on each of the persons at the addresses shown on the attached service list in the manner indicated.

Date: May 20, 1982


Alan P. Bielawski

SERVICE LIST

COMMONWEALTH EDISON COMPANY -- Byron Station
Docket Nos. 50-454 and 50-455

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