

April 21, 1983

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Board

In the Matter of)

LONG ISLAND LIGHTING COMPANY)

(Shoreham Nuclear Power Station,
Unit 1))

Docket No. 50-322 (OL)

Affidavit of John F. Alexander

John F. Alexander, being duly sworn, deposed and says as follows:

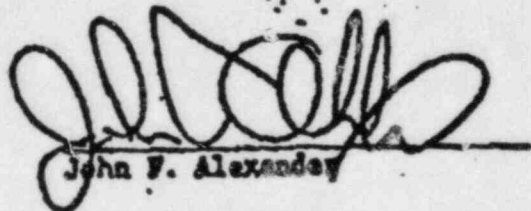
1. My name is John F. Alexander. I am employed by the Long Island Lighting Company as Independent Safety Engineering Group (ISEG) Supervisor.
2. On November 17, 1982, I testified on behalf of LILCO before the Atomic Safety and Licensing Board regarding ISEG's evaluation of current industry problems. In particular, I discussed an ISEG project related to check valves. Transcript at 14,419.
3. At the time of my testimony, ISEG had commenced, or had already completed six evaluations of valve problems that had been, or were subsequently, the subject of an I&E Bulletin or Notices. The following chart shows the relationship of the ISEG projects to I&E documents that are referenced in I&E Bulletin 83-03 at the time of my testimony:

ISEG Valve Projects
Completed or Scheduled
at Time of My Testimony

<u>ISEG</u>	<u>NRC</u>	<u>Title/Subject</u>
82-009	I&E Bulletin 80-03 ¹⁷	ADS Check Valve Back Leakage
81-114	I&E Notice 81-30	Valve Check Problems
82-116	I&E Notice 81-35	Crane Check Valve Problems
04MR 78	I&E Notice 82-08	Check Valve Failures in NDE Cooling Water
82-003	I&E Notice 82-20	Crane Swing Disc Check Valve
00R 40-82	I&E Notice 82-35	Valve Stop Check Valve Problems

4. Events that were reported in the above listed documents form the basis of I&E Bulletin 83-03, "Check Valve Failures in Raw Water Cooling Systems of Diesel Generators," March 10, 1983. Only three documents listed on Table 1 of Bulletin 83-03 had not been specifically evaluated by ISEG at the time of my testimony: I&E Circular 78-15 (July 24, 1978), I&E Bulletin 79-94 (March 30, 1979); and I&E Information Notice 80-41 (November 10, 1980). These three documents were the earliest of the nine listed in Bulletin 83-03, Table 1 the last six documents have all been or are being evaluated by ISEG.

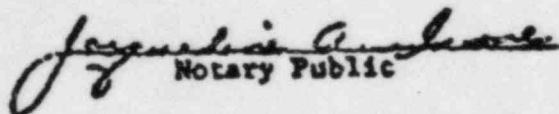
5. In addition to the six projects discussed in Paragraph 3, above, at the time of the hearing ISEG had underway — or had already completed — nine other valve-related projects.


John F. Alexander

STATE OF NEW YORK

COUNTY OF SUFFOLK

Subscribed to and sworn before me this 21st day of April, 1983.


Notary Public

My Commission Expires: 3/30/84

JACQUELINE A. IVONE
NOTARY PUBLIC, State of New York
No. 011V4601469, Suffolk County
Term Expires March 30, 1984

1/ I&E Bulletin 83-03 mistakenly identified this as Bulletin 80-02.
Bulletin 80-02 is 83-03 entitled "Inadequate Quality Assurance for Nuclear
Supplied Equipment."