

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-82- 27A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility:

Power Authority of the State of
New York
Indian Point Unit 3
Buchanan, New York

Licensee Emergency Classification:

☐ Notification of Unusual Event
☐ Alert
☐ Site Area Emergency
☐ General Emergency
☒ Not Applicable

Subject:

LEAK IN THE STEAM GENERATOR - SECONDARY SHELL (UPDATE)

On April 15, 1982, the previously identified leak in the upper shell to the conical section weld of #32 steam generator was further defined as a hole 1/8" x 5/8" with linear indications extending downward, about 3" from the hole on the inside. Records and appearance indicate a weld repair had been made in this area. This weld was originally made at the Westinghouse Tampa Plant.

The licensee has received the original fabrication x-rays and reviewed them. No radiographic indications were evident in these original films of the as-fabricated welds. This is explainable because the original x-rays were shot with a cobalt-60 source which resulted in a considerable amount of unsharpness of the images. Westinghouse is still in the process of providing the original weld records which contain the details of the process used to make the welds, inspection data and material controls.

Ultrasonic examination of the weld exhibits numerous linear indications ranging from 3/8" to 8" in length in or near the weld and on the conical section. Recent x-rays confirm the ultrasonic indications in the area of the hole.

Similar indications have been found in a 15 inch section of #33 steam generator. No other UT has been performed on #33 steam generator. The licensee is continuing to test and evaluate these conditions.

The licensee does not plan a press release at this time. However, upon complete evaluation of the findings, a press release will be made.

CONTACT: W. Baunack
(914) 739-9360

R. Gailo
488-1234

E. Brunner
488-1225

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