



UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE, REGION IV
10395 WEST COLFAX, ROOM 200
DENVER, COLORADO 80215

592
REG. File

September 24, 1970

263

Northern States Power Company
Attn: Mr. L. O. Mayer,
General Superintendent of
Power Production
414 Nicolett Mall
Minneapolis, Minnesota 55401

Gentlemen:

This letter relates to the discussion Mr. George H. Smith of this office held with Mr. L. L. Bach of your staff at the conclusion of his recent inspection of the Pathfinder reactor facility. In particular, Mr. Bach was informed that one of your licensed activities appeared to be in noncompliance with an AEC requirement. This item and reference to the pertinent requirement are listed in Paragraph 5 of the attached Form AEC-592. As noted on the form, the apparent deficiency had been corrected at the time of the inspection, and no further action on the matter is required.

Should you have any questions concerning this matter, please communicate directly with this office.

Sincerely yours,

John W. Flora
Director

Enclosure:
Form AEC-592

cc: Mr. L. L. Bach,
Plant Superintendent

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UNITED STATES ATOMIC ENERGY COMMISSION

DIVISION OF COMPLIANCE

1. LICENSEE Northern States Power Company 414 Nicolett Mall Minneapolis, Minnesota 55401	2. REGIONAL OFFICE U. S. ATOMIC ENERGY COMMISSION REGION IV, DIVISION OF COMPLIANCE 10395 W. COLFAX, ROOM 200 DENVER, COLORADO 80215
3. LICENSE NUMBER DPR-11 (Bucket No. 50-130)	4. DATE(S) OF INSPECTION August 20, and 21, 1970

5. The following activities under your license (identified in Item No. 3 above) appear to be in noncompliance with the requirements or license requirements, as indicated:

During the period April 2, through September 18, 1969, the antimony-124 portions of the antimony-beryllium neutron sources were stored in the fuel storage pool at the Pathfinder facility. Storage of the antimony in this manner is contrary to the provisions of Section 5.5.1 of the technical specifications, as amended on May 14, 1969, which specify that the antimony-beryllium sources be located in the reactor vessel. Prior to May 14, 1969, Section 5.5.1 of the technical specifications required that these sources be located in the superheater. We note that this item was corrected on September 19, 1969, when the antimony-124 sources were returned to the reactor vessel.

Supplementary page None attached.

George H. Smith
George H. Smith

AEC Compliance Inspector

Sept 24 1970
Date