



UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

Docket files

Docket No. 50-263

April 13, 1973

Northern States Power Company
ATTN: Mr. A. V. Dienhart
Vice President - Engineering
414 Nicollet Avenue
Minneapolis, Minnesota 55401

Gentlemen:

As the number of operating nuclear plants increases, the number of personnel that may be exposed to on-the-job radiation is increasing. Information on the exposure levels for such plant personnel (permanent and temporary) are necessary for us to obtain the actual exposures measured for various routine plant functions and unusual maintenance functions and compare the effectiveness of operating plant procedures and radiation controls to reduce in-plant radiation exposures to as low as practical. Our letter of September 28, 1972, discussing standard reporting requirements for operating reactors included a proposed Technical Specification to cover the Plant Reporting Requirement which included a reporting requirement on Occupational Personnel Radiation Exposure.

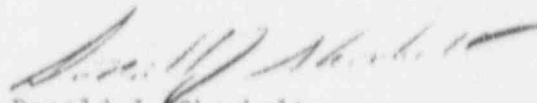
Supplemental radiation exposure information on reactor plant operator and contractor personnel for your operating facilities since 1969 or the issuance of the facility license, whichever is the later, is requested. Your report should include for each year of operation, the number of plant personnel (permanent or temporary) receiving measurable radiation exposures (at least 100 mrem) according to duty function (routine plant surveillance and inspection, routine plant maintenance, special plant maintenance, routine refueling operations, special refueling operations and other job related exposures). The associated plant operator and contractor personnel total man-rem should be tabulated for each duty function if available from the plant records. If the types of exposure records that you maintain do not facilitate a tabulation such as that described above, please provide a tabulation as comparable as possible, bearing in mind that the objective is to determine exposures as functions of specific plant activities.

Handwritten initials: RA

April 13, 1973

Please submit this information within sixty (60) days. Thank you for your cooperation in this effort to obtain and evaluate the actual radiation exposure to plant personnel during actual nuclear plant operations. We expect to receive such information on a semi-annual basis from all operating nuclear facilities as part of the Semi-Annual Operating Report in the near future.

Sincerely,



Donald J. Skovholt
Assistant Director
for Operating Reactors
Directorate of Licensing

cc: Donald E. Nelson, Esquire
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