



Omaha Public Power District

1623 HARNEY ■ OMAHA, NEBRASKA 68102 ■ TELEPHONE 536-4000 AREA CODE 402

November 22, 1982
LIC-82-384

Mr. Darrell G. Eisenhut, Director
U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Licensing
Washington, D.C. 20555

Reference: Docket No. 50-285

Dear Mr. Eisenhut:

Congressional Request for Information
Concerning Steam Generator Tube Integrity
(Generic Letter 82-22)

The subject request, forwarded by a letter dated October 26, 1982, requested the Omaha Public Power District's response on ten (10) questions related to steam generators. Please find attached the District's responses to the requested information. Please note that in preparing our responses, the District assumes that the questions only apply to steam generator tube-related difficulties and the information on the attached document addresses only tube-related problems.

Sincerely,

W. C. Jones
Division Manager
Production Operations

WCJ/TLP:jmm

Attachment

cc: LeBoeuf, Lamb, Leiby & MacRae
1333 New Hampshire Avenue, N.W.
Washington, D.C. 20036

A001

U. S. NUCLEAR REGULATORY COMMISSION
STEAM GENERATOR TUBE INTEGRITY RELATED - QUESTIONNAIRE

	Response By Year			
	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>
1. How many days of unscheduled outages can be attributed to steam generator-related difficulties per year at your site?	0	0	0	0
2. During each of the years in question, how many steam generator tubes have been:				
Plugged in each steam generator?	0	0	0	0
Sleeved in each steam generator?	0	0	0	0
3. What have been the total costs and specifically replacement power costs associated with steam generator maintenance, repair and replacement at your plant?	0	(1) \$100,000	(1) \$90,000	0
4. What has been the total occupational radiation exposure (in person-rems) caused by steam generator				
(a) maintenance, and	0	2.7	15.8	0
(b) repair/replacement?	0	0	0	0
5. What percentage of total annual employee dose has been attributable to steam generator related work at your site(s)?	0	0.4	3.5	0
6. During the years in question,				
(a) How many workers have received measureable radiation doses from steam generator related work, and	0	15	28	0
(b) What percentage of the total workforce do these workers represent?	0	1.4	2.9	0
7. How many temporary workers (defined by the NRC as all workers other than those hired directly by nuclear power plants on a conventional, long-term basis) received doses from steam generator-related work at your facility each year?	0	5	12	0

	<u>1979</u>	<u>Response By Year</u>		
		<u>1980</u>	<u>1981</u>	<u>1982</u>
8. What percentage of				
(a) Total workers involved with steam generator-related work do temporary workers represent, and	0	40	40	0
(b) The total workforce do temporary workers represent?	0	25	25	10 ⁽²⁾
9. Has your company used independent firms to find temporary employees who have received an occupational dose from steam generator-related work?	No	Yes	Yes	No
10. Do you anticipate major steam generator repairs in any of your units in the next five years, and if so how much would these repairs cost, please specify.				

Yes, the possibility of partial tube support plate cutting (rim cutting), costing approximately \$500,000, exists during the next five years. The decision on this matter will be made following the examination of eddy current test data.

NOTES:

- (1) Costs associated with routine surveillance of the primary and secondary sides of the steam generator required by the plant Technical Specifications. These surveillance tests were conducted during scheduled refueling shut-downs.
- (2) The work during 1982 was pertinent to routine operation and maintenance activities.