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50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
AUTH.NAME AUTHOR AFFILIATION
HUNTER,R.S. Indiana & Michigan Electric Co.
RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards completed questionnaire in response to Generic Ltr 82-22 re steam generator tube integrity.

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November 29, 1982
AEP:NRC:0727A

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
CONGRESSIONAL REQUEST FOR INFORMATION CONCERNING
STEAM TUBE INTEGRITY (GENERIC LETTER NO. 82-22)

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Denton:

This letter serves to submit the information requested in Generic Letter No. 82-22 regarding the Congressional Request for Information concerning steam generator tube integrity at the Donald C. Cook Nuclear Plant Unit Nos. 1 and 2. The completed questionnaire forms are attached.

This document has been prepared following Corporate Procedures which incorporate a reasonable set of controls to ensure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,

R. S. Hunter
Vice President

/os

cc: John E. Dolan - Columbus
M. P. Alexich
R. W. Jurgensen
W. G. Smith, Jr. - Bridgman
R. C. Callen
G. Charnoff
Joe Williams, Jr.
NRC Resident Inspector at Cook Plant - Bridgman

A001

U. S. NUCLEAR REGULATORY COMMISSION

Approved by OMB 3150-0092

STEAM GENERATOR-RELATED - QUESTIONNAIRE

DONALD C. COOK NUCLEAR PLANT, UNIT NOS. 1 AND 2	RESPONSE BY YEAR			
	1979	1980	1981	1982
HOW MANY DAYS OF UNSCHEDULES OUTAGES CAN BE ATTRIBUTED TO STEAM GENERATOR-RELATED DIFFICULTIES PER YEAR AT YOUR SITE?				
DURING EACH OF THE YEARS IN QUESTION, HOW MANY STEAM GENERATOR TUBES HAVE BEEN PLUGGED IN EACH STEAM GENERATOR?	SEE SEPARATE ATTACHMENT			
SLEEVED IN EACH STEAM GENERATOR?				
WHAT HAVE BEEN THE TOTAL COSTS AND SPECIFICALLY REPLACEMENT POWER COSTS ASSOCIATED WITH STEAM GENERATOR MAINTENANCE, REPAIR AND REPLACEMENT AT YOUR PLANT?				
WHAT HAS BEEN THE TOTAL OCCUPATIONAL RADIATION EXPOSURE (IN PERSON-REMS) CAUSED BY STEAM GENERATOR MAINTENANCE?	35.366	32.952	48.470	32.42
REPAIR/REPLACEMENT?	0	5.878	4.503	16.398
WHAT PERCENTAGE OF TOTAL ANNUAL EMPLOYEE DOSE HAS BEEN ATTRIBUTABLE TO STEAM GENERATOR RELATED WORK AT YOUR SITE(S)?	5.34	8.62	8.76	11.46
DURING THE YEARS IN QUESTION HOW MANY WORKERS HAVE RECEIVED MEASUREABLE RADIATION DOSES FOR STEAM GENERATOR RELATED WORK?	167	260	295	271
WHAT PERCENTAGE OF THE TOTAL WORKFORCE DO THESE WORKERS REPRESENT?	17.5	32.9	32.9	15.4
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?	115	198	218	218
WHAT PERCENTAGE OF TOTAL WORKERS INVOLVED WITH STEAM GENERATOR-RELATED WORK DO TEMPORARY WORKERS REPRESENT?	68.9	76.2	73.9	80.4
THE TOTAL WORKFORCE DO TEMPORARY WORKERS REPRESENT?	73.8	72.7	72.5	62.4
HAS YOUR COMPANY USED INDEPENDENT FIRMS TO FIND TEMPORARY EMPLOYEES WHO HAVE RECEIVED AN OCCUPATIONAL DOSE FROM STEAM GENERATOR-RELATED WORK?	NO	NO	NO	NO

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.

No major repairs are anticipated in the next five years.

U. S. NUCLEAR REGULATORY COMMISSION

Approved by OMB 3150-0092

STEAM GENERATOR-RELATED - QUESTIONNAIRE

DONALD C. COOK NUCLEAR PLANT, UNIT NO. 1	RESPONSE BY YEAR			
	1979	1980	1981	1982
HOW MANY DAYS OF UNSCHEDULES OUTAGES CAN BE ATTRIBUTED TO STEAM GENERATOR-RELATED DIFFICULTIES PER YEAR AT YOUR SITE?	-0-	-0-	-0-	-0-
DURING EACH OF THE YEARS IN QUESTION, HOW MANY STEAM GENERATOR TUBES HAVE BEEN PLUGGED IN EACH STEAM GENERATOR?	NONE	1) 10 2) 0 3) 0 4) 10	NONE	1) 0 2) 10 3) 10 4) 0
SLEEVED IN EACH STEAM GENERATOR?	NONE	NONE	NONE	NONE
WHAT HAVE BEEN THE TOTAL COSTS AND SPECIFICALLY REPLACEMENT POWER COSTS ASSOCIATED WITH STEAM GENERATOR MAINTENANCE, REPAIR AND REPLACEMENT AT YOUR PLANT?	(1) -0-	(1) $32,318	(1) $101,591	(1) $153,688

U. S. NUCLEAR REGULATORY COMMISSION

Approved by OMB 3150-0092

STEAM GENERATOR-RELATED - QUESTIONNAIRE

DONALD C. COOK NUCLEAR PLANT, UNIT NO. 2	RESPONSE BY YEAR			
	1979	1980	1981	1982
HOW MANY DAYS OF UNSCHEDULES OUTAGES CAN BE ATTRIBUTED TO STEAM GENERATOR-RELATED DIFFICULTIES PER YEAR AT YOUR SITE?	-0-	-0-	28	17
DURING EACH OF THE YEARS IN QUESTION, HOW MANY STEAM GENERATOR TUBES HAVE BEEN PLUGGED IN EACH STEAM GENERATOR?	NONE	1) 6 2) 0 3) 0 4) 0	1) 7 2) 0 3) 0 4) 10	1) 2 2) 0 3) 0 4) 0
SLEEVED IN EACH STEAM GENERATOR?	NONE	NONE	NONE	NONE
WHAT HAVE BEEN THE TOTAL COSTS AND SPECIFICALLY REPLACEMENT POWER COSTS ASSOCIATED WITH STEAM GENERATOR MAINTENANCE, REPAIR AND REPLACEMENT AT YOUR PLANT?	(1) $2,373	(1) $23,092	(1) $147,570	(1) $95,121

(1) Maintenance Cost Only. Power available from System capacity.

Not necessary to purchase replacement power.