**	(Under t	REQUEST FOR the Paperwork Reduction is	The state of the s	der 12291)			
Important — Read instr form. Submit the require with the material for wh	ed number of cop	ies of SF-83, together	Office of Information and Regulatory Affairs Office of Management and Budget Washington, D.C. 20503				
1. Department/Agency	and Bureau/Offic	e originating request	3. Name(s) and telephone number(s) of person(s) who can best answer questions regarding request Mark Williams 492-8285				
U.S. Nuclear R	egulatory Cor	nmission					
Account No.)	Salasti I		4. 3-digit functional code (last part of 11-digit Treasury Account No.) 2 7 6				
	5_0						
5. Title of Information Co	ollection or Rulen	naking	C. Is this a rulemaking submission under Section 3504(h) of P.L. 96-511? (Check one)				
Generic Letter	, Steam Gene	rator Tube	1 ⊠ No (Section 3507 submission) 2 ☐ Yes, NPRM. Expected date of publication:				
Integrity							
6. A is any information involved? (Check of		ing or recordkeeping)	3 Yes, final rule. Expected date of publication:				
1 X Yes and proposa	I is attached for rev	ew	D. At what phase of re	ulemaking is this sul	omission made?		
2□ Yes but proposal			(Check one)				
3□ No - skip to que	stion D.		1 💆 Not applicable				
B. Are the respondent			2 Major rule, at NPRM stage				
programs?	e purpose related	to Federal education	3 Major Final rule for which no NPRM was published 4 Major Final rule, after publication of NPRM				
☐ Yes □ No			5 Nonmajor rule, at NPRM stage				
Material Community of the Community of t			6 ☐ Nonmajor rule, at Final stage				
	COMPLETE SHA	DED PORTION IF INFORMATIO	ON COLLECTION PROP	SAL IS ATTACHED			
7. Current (or former) OMB Number None		8. Requested Expiration Date	12. Agency report form	number(s)	Commence of the Commence of th		
Expiration Date			13. Are respondents on		2		
None		11-30-82	☐ Yes ☐ No				
 Is proposed information the information collection 		odin □ Yes 23 No	14. Type of request (Cf1 □ preliminary plan				
 Will this proposed in cause the agency to collection budget al amendment reques 	exceed its information of the second	nation attach Yes No	ago) 3 □ revision 4 □ extension (adjus	sly approved or expired tment to burden only)	i more than 6 months		
11. Number of report forms submitted for approval None			5 □ extension (no change) 6 □ reinstatement (expired within 6 months)				
15.		16 Classification of Change	e in Burden (explain in	supporting statemen	nt)		
Approximate size of universe (if sample)	N/A		No of Responses	No. of Reporting Hou	rs Cost to the Public		
b Size of sample	N/A	a. In inventory	0	0	s		
c. Estimated number of		b. As proposed	50	15,000	\$		
respondents or record keepers per year	50	c. Difference (b-a)	50	15,000	s		
d Reports annually by each respondent (item 25)	1	Explanation of different Adjustments	rence (indicate as many as apply)				
a_Total annual responses (item 15c x 15d)	50	d. Correction-error	±	+	<u>+</u> s		
	50	e. Correction-reestimate	e ±	+	<u>+</u> \$		
f Estimated average number of hours		f Change in use	+	+	+ \$		

f. Change in use

50

15,000

Program changes

g.Increase

h. Decrease

8210260546 821022 PDR ORG EUSOMB PDR

300

15,000

perresponse

g Estimated total hours of annual burden in Fiscal Year (item 15e x 15f)

+ \$

- \$

Congressional Antormation collection re and worker safety of pro	equest to support (Congréssional he team generator t	earing concern cube integrity	ing econ	omic	
18 Related report form(s) (give OMB number internal agency report form number(s)	20. Catalog of Federal Domestic Assistance Program Number N/A					
None		21. Small busines		□ Yes	DX No	
19 Type of affected public (Check as man 1 ☐ individuals or households 2 ☐ state or local governments 3 ☐ larms		22. Type of activity of affected public—indicate 3-digit Standard Industrial Classification (SIC) code(s)*(up to 10) — if over 10, check				
23. Brief description of affected public (e.g. All pressurized power).	"retail grocery stores."	State education ager	ncies," "household	s in 50 larg	est SMSAs")	
24 Purpose (Check as many as apply. If m predominant by an asterisk) 1 application for benefits 2 program evaluation 3XX general purpose statistics 4 regulatory or compliance 5 program planning or management 6 research		1 🔀 mail self- 2 □ other self- 3 □ telephon- 4 □ personal 5 □ recordke	interview eping requirement ed-retention period		ears	
25. Frequency of Use 1 Nonrecurring Recurring (check as many as apply) 2 on occasion 6 semiannually 3 weekly 7 annually 4 monthly 8 biennially 5 quarterly 9 other—describe: 28. Authority for agency for information collection or rulemaking—indicate statute, regulation, judicial decree, etc. Atomic Energy Act of 1954 as amended		27. Collection agent (Check one) 1 ☑ requesting Department/Agency 2 ☐ other Federal Department/Agency 3 ☐ private contractor 4 ☐ recordkeeping requirement 5 ☐ other—describe: 30. Do you promise confidentiality? (If yes, explain basis for pledge in supporting statement.) ☐ Yes ☒ No 31. Will the proposed information collection create a new or become part of an existing Privacy Act system of records? (If yes, attach Federal Register notice or proposed draft of notice.) ☐ Yes ☒ No 32. Cost to Federal Government of				
						29. Respondent's obligation to reply (Che 1 ♥ voluntary 2 □ required to obtain or retain benef
3 ☐ mandatory—cite statute, not CFR statutory authority)	(attach copy of					information c
co	MPLETE ITEMS 33 THRU 3	5 ONLY IF RULEMAKIN	G SUBMISSION			
33. Compliance costs to the public			deadline affecting issue		ince?	
\$	□ Yes □ No		□ No	er date Dec	cember 2, 1982	
CERTIFICATION BY AUTHORIZED OFFICIAL review is necessary for the proper performance consistent with need, and is consistent with appropriate to the consistent with need and is consistent with appropriate to the consistent with need and is consistent with appropriate to the consistent with need and is consistent with appropriate to the consistent with need and is consistent with appropriate to the consistent with need and is consistent with need a	e of the agency's functions, th	hat the proposal represen	nts the minimum publ			
Patricia G. Norry	eny 10-22-8	SUBMITTING OFFICIAL R. Step	//	tt DATE	0/22/	



UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

WATER TO ALL PRESSURIZED POWER REACTOR LICENSEES

Gentlemen:

SUBJECT: CONGRESSIONAL REQUEST FOR INFORMATION CONCERNING STEAM GENERATOR

TUBE INTEGRITY (GENERIC LETTER NG. 82-

Representative Edward J. Markey, Chairman of the Subcommittee on Oversight and Investigations has, by letter dated October 18, 1982, requested the Chairman of the NRC to obtain information regarding the economic and worker safety aspects of the problem concerning steam generator tube integrity. This letter, copy enclosed, specifically identifies the information being requested. This information will be used in preparation for hearings on this subject tentatively scheduled for December 2, 1982.

We therefore request your cooperation in providing responses to as many of the questions contained in the enclosed letter as possible by November 15, 1982 and responses to any remaining questions as soon as possible thereafter.

This request for information was approved by the Office of Management & which expires Budget under clearance number

Sincerely,

Darrell G. Eisenhut, Director Division of Licensing Office of Nuclear Reactor Regulation

Enclosure: As stated

HINETY-SEVENTH CONGRESS

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COMMITTEE ON INTERIOR AND INSULAR AFFAIRS U.S. HOUSE OF REPRESENTATIVES WASHINGTON, O.C. 20515

AND COUNSEL ASSOCIATE STAFF DIRECTOR LEE MC ELVAIN GUNERAL COUNTEL TIMOTHY W. CLIDDEN REPUBLICAN COUNSEL

STAMLEY BODYULE

STAFF DIRECTOR

October 18, 1982

Chairman Nunzio Palladino U.S. Nuclear Regulatory Commission 1717 H Street, N.W. Washington, D.C. 20555

Dear Chairman Palladino:

In proparation for the Interior and Insular Affairs Subcommittee on Oversight and Investigations' hearing on steam generator tube integrity at commercial nuclear power plants, I request that the Nuclear Regulatory Commission request answers to the questions listed below from all commercial licensees which operate pressurized water reactors in the United States.

The issue of steam generator tube problems is one of widespread importance within the nuclear power industry and those government bodies responsible for overseeing nuclear power development, regulation and operation. While my primary interest is with safety, I am also concerned about the costs involved in maintenance, repair and replacement, and worker exposure resulting from these steam generator tube problems. It is my understanding that the NRC does not have detailed information about these important and related issues. Therefore, I ask that you submit these questions to all utilities with operating plants so that we can know more about the ramifications of the problem. Please request answers to the following questions for the years 1979, 1980, 1981 and available information for 1982.

- How many days of unscheduled 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 (a) plugged and (b) sleeved in each steam generator?
- 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?

Chairman Palladino Page Two October 18, 1982

- 4. What have been the total costs and specifically replacement power costs associated with steam generator maintenance, repair and replacement at your plant?
- 5. What has been the total occupational radiation exposure (in person-rems) caused by steam generator (a) maintenance and (b) repair/replacement?
- 6. What percentage of total annual employee dose has been attributable to steam generator-related work at your site(s)?
- 7. During the years in question, (a) how many workers have received measureable radiation doses from steam generatorrelated work, and (b) what percentage of the total workforce do these workers represent?
- 8. How many temporary workers (defined by the NRC as all workers other than those hired directly by nuclear powerplants on a conventional, long-term basis) received doses from steam generator-related work at your facility each year?
- 9. What percentage of (a) total workers involved with steam generator-related work do temporary workers represent, and (b) of the total workforce do temporary workers represent?
- 10. Has your company used independent firms to find temporary employees who have received an occupational dose from steam generator-related work?

I would greatly appreciate it if this matter could be handled as expeditiously as possible in order to obtain answers to these question before the subcommittee's hearing on December 2, 1982. In advance, thank you for your assistance in this matter.

Sincerely,

EDWARD J. MARKEY

Chairman

Subcommittee on Oversight and Investigations

EUM:sa CC: Fred Combs NINETY-SEVENTH CONGRESS

MORRIS K. UDALL, ARIZ. CHAIRMAN

PHILLIP QUETTON CALIF.

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JEMMY M. BATTTERON, CALIF.

RAY MOTONYEN, DALLA

FAT RILLIAMS. MOST.

DALE C. RILDER, MOD.

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U.S. HOUSE OF REPRESENTATIVES
WASHINGTON, D.C. 20515

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ROY JONES

ASSOCIATE STAF,

LEE MC ELVAIN

GENERAL COUNSEL

TIMOTHY W. ELIDDEN

REPUBLICAN COUNSEL

October 18, 1982

Chairman Nunzio Palladino
U.S. Nuclear Regulatory Commission
1717 H Street, N.W.
Washington, D.C. 20555

Dear Chairman Palladino:

As you may already be aware, I am planning on holding an Oversight and Investigations Subcommittee hearing on the topic of steam generator tube degradation. Fred Combs of WRC's Congressional Liaison Office has already been contacted in this regard.

I would very much like to hear your views on this important issue and invite the other members of the Commission to participate as well. As presently conceived, the hearing will consist of two panels. The first will be your presentation. A second panel will consist of industry (including both a vendor and a utility) and representatives from intervenor groups. The tentative date is December 2, 1982.

In the next few weeks my staff will be discussing the exact scope of the hearing with the Office for Nuclear Reactor Regulation. We are generally interested in the history of this unresolved safety issue and NRC's regulatory responses to it over the years. While I am primarily concerned with reactor safety and the safety of workers, the hearing will also take a look at the economic implications of tube degradation and NRC's proposed generic requirements. Enclosed is a letter asking that the Commission issue a survey to all PWR licensees requesting additional information about the economic and worker safety aspects of the problem.

As the scope of the hearing becomes more defined, I will let you know. I hope that you will be able to offer testimony at the hearing. If there is a scheduling conflict, please let me know.

Sincerely,

EDWARD J. MARKEY

Chairman, Oversight and Investigations Subcommittee

U. S. NUCLEAR REGULATORY COMMISSION

STEAM GENERATOR-RELATED - QUESTIONNAIRE

		RESPONS	E BY YE	AR
	1979		1981	
HOW MANY DAYS OF UNSCHEDULE DOUTAGES 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?				
FEOGGED IN EACH STEAM GENERATOR.				
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?				-
REPAIR/REPLACEMENT?				
WHAT PERCENTAGE OF TOTAL ANNUAL EMPLOYEE DOSE HAS BEEN ATTRIBUTABLE TO STEAM GENERATOR RELATED WORK AT YOUR SITE(S)?				
DURING THE YEARS IN QUESTION				
HOW MANY WORKERS HAVE RECEIVED MEASUREABLE RADIATION DOSESTOR STEAM GENERATOR RELATED WORK?				
WHAT PERCENTAGE OF THE TOTAL WORKFORCE. DO THESE WORKERS REPRESENT?		7.4		
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?				
WHAT PERCENTAGE OF TOTAL WORKERS INVOLVED WITH STEAM GENERATOR-RELATED WORK DO TEMPORARY WORKERS REPRESENT?				
THE TOTAL WORKFORCE DO TEMPORARY WORKERS REPRESENT?				
HAS YOUR COMPANY USED INDEPENDENT FIRMS TO FIND TEMPORARY EMPLOYEES WHO HAVE RECEIVED AN OCCUPATIONAL DOSE FROM STEAM GENERATOR-RELATED WORK?				
DO YOU ANTICIPATE MAJOR STEAM GENERATOR REPAIRS IN ANY OF YOUR	UNITS I	N THE N	EXT FIV	E YEARS

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.