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May 1, 1997

Our Ref: QCG-10382

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Enterprise
Report #157
Amendment 1

Dear Sir:

In accordance with the requirements of the Nuclear Regulatory Commission Title 10, Chapter 1, Code of Federal Regulations, Part 21, Cooper Energy Services, a division of Cooper Cameron Corporation, hereby notifies the Commission of a re-emphasis of a previously reported potential defect in a component of a DSRV and DSR Enterprise Standby Diesel Generator System. There exists a potential problem with intake and exhaust power valve springs which could result in engine non-availability.

Cooper Energy Services has supplied these parts as replacement components to the following sites:

<u>UTILITY</u>	<u>SITE</u>	<u>SERIAL NO.</u>	<u>MODEL</u>
LILCO	Shoreham	74010-12	DSR-48
ENTERGY	Grand Gulf	74033-36	DSRV-16-4
GULF STATES	River Bend	74039-40	DSR-48
CP&L	Shearon Harris	74046-49	DSRV-16-4
DUKE	Catawba	75010-13	DSRV-16-4
SO CAL ED	San Onofre	75041-42	SDRV-20-4
CLEVELAND ELEC	Perry	75051-54	DSRV-16-4
TVA	Bellefonte	75080-83	DSRV-16-4
WPPSS	WPPSS I	75084-85	DSRV-16-4
TU ELECTRIC	Comanche Peak	76001-04	DSRV-16-4
GEORGIA POWER	Vogtle	76021-24	DSRV-16-4
TVA	Hartsville	77024-35	DSRV-16-4
SMUD	Rancho Seco	81015-16	DSR-48

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The specific springs under discussion are manufactured by Associated Spring in Corry, Pennsylvania. They are installed as a subcomponent of spare cylinder heads (4 springs per cylinder head) or provided as individual spare components by Cooper Energy Services.

10 CFR 21 Report #157 was issued by Cooper Energy Services on June 19, 1991 to describe surface deficiencies found on valve springs in Cooper Energy Services inventory. These deficiencies, characterized by draw marks exceeding the depth allowed by specification, were noted on springs from a 1986 manufacturing lot. There had been no reported failure of valve springs in nuclear or commercial service. Action was taken to inspect all springs in CES inventory, enhance supplier inspection procedures and recommend periodic inspection of all springs in service.

During the summer of 1996 a broken valve spring was found at Duke Power's Catawba Station during a routine maintenance inspection. No affect on engine performance had been noted. This spring, recently returned to CES for analysis, was found to be of the same 1986 vintage as those previously described in Report #157. CES has reviewed this failure and believes it to be an isolated case but is issuing Report #157 Amendment 1 to inform those affected of this failure and to re-emphasize the recommended corrective action.

As previously reported, it is recommended that the subject springs be inspected on a periodic basis, such as during refueling outages. Any springs with a visible draw mark on its I.D. or any physical anomaly of concern should be removed, discarded and replaced. This inspection should be in each plant's mechanical maintenance procedures and should be considered to apply to all valve springs on Enterprise Engines regardless of their original manufacturer.

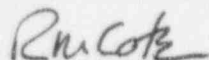
It should also be noted that a correction should be made to the original 10CFR21 Report #157 wording Page 2, Para. 5 read as follows, "The number of operating hours is of concern as the fatigue failure resulting from such an indication should occur within approximately 740 hours (10^7 operating cycles)."

A copy of this letter will be sent to all of the sites referenced in Paragraph 2 of this letter as indicated by the copy list.

Our evaluation of this potential problem was completed on March 26, 1997.

Sincerely,

COOPER CAMERON CORPORATION



R. M. Cote
Vice President and General Manager

cc: D. T. Blizzard - CES/GC
J. M. Horne - CES/GC
R. G. Billig - CES/GC
R. L. Nimmo - CES/Alameda
File: K5fa41 - Assoc. Spring Intake & Exh. Power Valve Springs

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Harris Nuclear Project
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Attn: William Robinson
Vice President

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Attn: Mgr. Nuclear Licensing

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Attn: Dept. Manager

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Attn: Department Manager

Cleveland Electric Illuminating
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P. O. Box 97
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Attn: Russell J. Tadych
Manager, Quality Control

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Attn: Mgr., Nuclear Safety

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Attn: F. W. Titus
Vice President, Engineering

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Port Gibson, MS 39150
Attn: C. R. Hutchinson
Vice Pres., Operations-GGNS

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Attn: D. L. Pace, Director
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Manager, Quality Services
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Vogtle Project
P. O. Box 1295
Birmingham, AL 35201
Attn: Mgr., Engineering
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Georgia Power Co.
Plant Vogtle
P. O. Box 1600
Waynesboro, GA 30830
Attn: Mr. W. B. Shipman
General Manager

Gulf States Utilities
P. O. Box 220
St. Francisville, LA 70775
Attn: L. A. England
Director Nuclear Licensing

Long Island Power Authority
Shoreham Nuclear Power Station
North Country Rd.
Wading River, NY 11792
Attn: Mgr. Licensing & Regulatory
Compliance Department

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San Onofre Nuclear Generating Station
P. O. Box 128
San Clemente, CA 92672-0128
Attn: Manager, Nuclear Oversight Div.

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San Onofre Nuclear Generating Station
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Attn: ISEG Supervisor

Sacramento Municipal Utility District
Rancho Seco Nuclear Power Plant
14440 Twin Cities Road
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Attn: Vice Pres. & Gen. Mgr.

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1101 Market Street, LP 4F
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Attn: Operating Experience Manager

TU Electric - Production Division
Group Vice President - Nuclear
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