

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF NUCLEAR REACTOR REGULATION  
WASHINGTON, D.C. 20555

August 24, 1988

NRC INFORMATION NOTICE NO. 88-48, SUPPLEMENT 1: LICENSEE REPORT OF DEFECTIVE  
REFURBISHED VALVES

Addressees:

All holders of operating licenses or construction permits for nuclear power reactors.

Purpose:

This information notice supplement is being provided to present additional information regarding the valves discussed in Information Notice 88-48. It is expected that recipients will review this information for applicability to their facilities and consider actions, as appropriate, to avoid similar problems. However, suggestions contained in this information notice do not constitute NRC requirements; therefore, no specific action or written response is required.

Description of Circumstances:

Information Notice 88-48 discussed information from Pacific Gas and Electric (PG&E) about a potential problem with 2-inch valves that were leaking steam at the bonnet and packing.

The NRC received a letter from the Henry Vogt Machine Company (Vogt Company), dated August 1, 1988, stating its position on the Diablo Canyon valve matter and providing additional information on the distinguishing features of its valves. The letter received from the Vogt Company is attached. The letter also indicates the Vogt Company belief that the Diablo Canyon valves were counterfeit and not refurbished Vogt valves and corrects a reference to the Vogt figure number in the original information notice.

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Concurrent Copy

No specific action or written response is required by this information notice. If you have any questions about this matter, please contact the technical contact listed below or the Regional Administrator of the appropriate regional office.

*Charles E. Rossi*  
Charles E. Rossi, Director  
Division of Operational Events Assessment  
Office of Nuclear Reactor Regulation

Technical Contact: Edward T. Baker, NRR  
(301) 492-3221

Attachments:

1. Henry Vogt Machine Co. letter dated 8/1/88
2. List of Recently Issued NRC Information Notices

**HENRY Vogt MACHINE CO.**  
INCORPORATED

P. O. Box 1918 - LOUISVILLE, KY. 40201-1918 - U.S.A.

August 1, 1988

United States Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation  
Washington, D.C. 20555

Attention: Mr. Charles E. Rossi, Director  
Division of Operational Events Assessment

Dear Sir:

We are in receipt of NRC Information Notice No. 88-48.

After careful review of the notice, we wish to bring the following points to your attention:

1. We believe the title "Licensee Report of Defective Refurbished Valves" is misleading. The valves are counterfeit; we do not believe them to be refurbished.
2. In the third paragraph, you refer to "Vogt Figure No. SW 12111". The valves at Diablo Canyon were actually stamped "SW-13111". Vogt series SW-13111 is a full port design as indicated in your "Discussion".

These valves, including forgings and parts of construction, were not manufactured by Henry Vogt Machine Co. The outward appearance of the counterfeit valves is so drastically different from the Vogt series SW-13111 that any person knowledgeable of our product or examining the product to the Vogt drawing would have spotted the difference immediately. For example:

1. Vogt valves have round bonnet flanges; the counterfeit valves have square bonnet flanges.
2. Vogt series SW-13111 uses a hex head cap screw to join the body and bonnet; the counterfeit valves use a stud/nut combination.
3. A number of the counterfeit valves have "swing gland bolting", a design never used on Vogt SW-13111 valves.

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United States Nuclear Regulatory Commission  
August 1, 1988  
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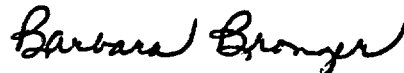
Attachment 1  
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4. Vogt valves have the name "Vogt" forged onto the side of the body; the counterfeit valves have "Vogt" stamped on the side after an obvious grinding removed the true identity of the material (forging or casting) manufacturer.
5. The end-to-end dimension of the counterfeit valve is shorter than Vogt series SW-13111.

Vogt has manufactured many valves for use in both safety related and non-safety related applications in nuclear power plants. Valves meeting ASME Section III or 10CFR50 are not stamped with a series number such as SW-13111. The valves are identified by the drawing to which the valves were built.

We are concerned that there be no confusion within the industry between valves furnished by Vogt and the counterfeit valves purchased by Pacific Gas & Electric for use at Diablo Canyon. Your cooperation in amending Notice No. 88-48 would be most appreciated.

Yours very truly,



Barbara Bronger, Manager  
Nuclear Products Group

bb

cc: Mr. Harold Morgeson  
Mr. Guy Jolly

LIST OF RECENTLY ISSUED  
 NRC INFORMATION NOTICES

Information Notice No.	Subject	Date of Issuance	Issued to
88-68	Setpoint Testing of Pressurizer Safety Valves with Filled Loop Seals Using Hydraulic Assist Devices	8/22/88	All holders of OLs or CPs for nuclear power reactors.
88-67	PWR Auxiliary Feedwater Pump Turbine Overspeed Trip Failure	8/22/88	All holders of OLs or CPs for nuclear power reactors.
88-66	Industrial Radiography Inspection and Enforcement	8/22/88	All NRC industrial radiography licensees.
88-65	Inadvertent Drainages of Spent Fuel Pools	8/18/88	All holders of OLs or CPs for nuclear power reactors and fuel storage facilities.
88-64	Reporting Fires in Nuclear Process Systems at Nuclear Power Plants	8/18/88	All holders of OLs or CPs for nuclear power reactors.
88-63	High Radiation Hazards from Irradiated Incore Detectors and Cables	8/15/88	All holders of OLs or CPs for nuclear power reactors, research reactors and test reactors.
88-62	Recent Findings Concerning Implementation of Quality Assurance Programs by Suppliers of Transport Packages	8/12/88	All holders of NRC quality assurance program approval for radioactive material packages.
88-61	Control Room Habitability - Recent Reviews of Operating Experience	8/11/88	All holders of OLs or CPs for nuclear power reactors.
88-60	Inadequate Design and Installation of Watertight Penetration Seals	8/11/88	All holders of OLs or CPs for nuclear power reactors.

OL = Operating License  
 CP = Construction Permit

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Office of Nuclear Reactor Regulation

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Attachments:

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2. List of Recently Issued NRC Information Notices

\*SEE PREVIOUS PAGE FOR CONCURRENCE

\*DOEA  
JShapaker  
8/15/88

\*SC:VIS:DRIS  
EBaker  
8/15/88

\*C:VIB:DRIS  
EWBrach  
8/15/88

\*AD:DRIS  
BKGrimes  
8/15/88

\*OI  
WHutchison  
8/18/88

\*C:GCB:DOEA  
CHBerlinger  
8/18/88

D:DOEA  
CERossi  
8/19/88

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*JTB*  
DOEA  
JShapaker  
8/15/88  
*AK*  
C:GCB:DOEA  
CHBerlinger  
8/18/88

*ETB*  
SC:VIS:DRIS  
EBaker  
8/15/88  
D:DOEA  
CERossi  
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*ETB Per*  
C:VIB:DRIS  
EWBrach  
8/15/88

*BJ*  
AD:DRIS  
BKGrimes  
8/15/88

*no objections.*  
*WJH*  
OI  
WHutchison  
8/18/88