



Nuclear Information and Resource Service

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April 25, 1984

Director
Office of Administration
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

FREEDOM OF INFORMATION
ACT REQUEST
FOIA-84-316
Rec'd 4-26-84

FREEDOM OF INFORMATION ACT REQUEST

To whom it may concern:

Pursuant to the Freedom of Information Act, 5 U.S.C. 522, as amended, the Nuclear Information and Resource Service requests the following documents regarding recent reports of failures in electrical relays. Please consider "documents" to include reports, studies, test results, correspondence, memoranda, meeting notes, meeting minutes, working papers, graphs, charts, diagrams, notes and summaries of conversations and interviews, computer records, and any other forms of written communication, including internal NRC Staff memoranda. The documents are specifically requested from, but not limited to, Office of the Executive Legal Director (OELD); Office of Analysis and Evaluation of Operational Data (AEOD); Office of Nuclear Regulatory Research (Research); Office of Nuclear Reactor Regulation (NRR); Generic Issues Branch of the Division of Safety Technology, NRR; and the Operating Reactors Branches of the Division of Licensing. In your response, please identify which documents correspond to which requests below.

Pursuant to this request, please provide all documents prepared or utilized by, in the possession of, or routed through the NRC related to:

1. The 1983 Class 1E relay failures at the Duane Arnold, Pilgrim, and Hatch plants;
2. The utilization (extent and age of installed components) of GE Type HFA 51, Series AC relays or others using Lexan as coil spool material (See IE Bulletin 84-02, dated 3/12/84);
3. Consideration by the Staff on how to address the earlier-than-anticipated end-of-life-failure of relays and their associated components, including replacement options, schedules etc., particularly internal staff memoranda;

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4. Failure sequences possible due to failure of the relays identified in IE Bulletin 84-02;

5. Any NRC responses or analyses to GE's SILs and SALs referenced in IE Bulletin 84-02, issued since 1973;

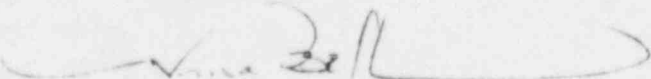
6. Documentation by utilities or other bases for staff justification to allow operation of plants utilizing:

- Agastat GP Series Relays;
- GTE Sylvania AC Relays;
- GE HFA Relays; and

7. The relay failures at the Grand Gulf and Three Mile Island-1 plants in 1983.

In our opinion, it is appropriate in this case for you to waive copying and search charges, pursuant to 5 U.S.C. 552(a)(4)(A) "because furnishing the information can be considered as primarily benefiting the general public." The Nuclear Information and Resource Service is a non-profit organization serving local organizations concerned about nuclear power and providing information to the general public.

Sincerely,



Nina Bell
Nuclear Safety Analyst

cc: File