

CARLTON, FIELDS, WARD, EMMANUEL, SMITH & CUTLER, P. A.

ATTORNEYS AT LAW

THE EXCHANGE BANK BUILDING

P.O. BOX 3239

TAMPA, FLORIDA 33601

(813) 223-5366

CNA BUILDING

P.O. BOX 1171

ORLANDO, FLORIDA 32802

(305) 849-0300

200 EAST GOVERNMENT ST.

P.O. BOX 10426

PENSACOLA, FLORIDA 32582

(904) 434-0142

LEWIS STATE BANK BUILDING

P.O. DRAWER 190

TALLAHASSEE, FLORIDA 32302

(904) 224-1585

PLEASE REPLY TO

FREEDOM OF INFORMATION ACT REQUEST

Tampa

June 15, 1981

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

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-81-236
Rec'd 6-18-81

Dear Sirs:

Pursuant to the Freedom of Information Act, 5 USC, Section 552, and 10 C.F.R. Section 9.8, we request that you send us copies of the following documents (the term "documents" means any writing, however produced or reproduced, such as notes, tests, reports, designs, diagrams, correspondence, interagency or intra-agency memoranda, investigatory records, testimony, minutes of meetings, etc.):

(1) All documents sent to or received from the Babcock & Wilcox Company ("B & W"), Florida Power Corporation ("FPC"), the Nuclear Regulatory Commission or its predecessor, the Atomic Energy Commission, which relate to, comment on or evidence the following:

- a) the design and integrity of the core components of the Crystal River Unit 3 Nuclear Plant ("Crystal River") and the adequacy thereof, at the pre and post-licensing stages,
- b) the design and integrity of the burnable poison rod assemblies and fuel assemblies (as used in this letter the terms burnable poison rod assemblies and fuel assemblies mean each such assembly in its entirety and each and every part thereof) supplied by B & W at Crystal River and the adequacy thereof at the pre and post-licensing stages and any post-licensing changes in the design of such assemblies proposed or considered by B & W and the reasons therefor,
- c) the design and integrity of the burnable poison rod assemblies and the fuel assemblies supplied by B & W at any nuclear facility other than Crystal River and the adequacy thereof at the pre and post-licensing stages and any post-licensing changes in the design of such assemblies proposed or considered by B & W, and the reasons therefor,

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- d) the design and integrity of burnable poison rod assemblies supplied by any manufacturer other than B & W at nuclear facilities other than Crystal River and the adequacy thereof at the pre and post-licensing stages and any post-licensing changes in the design of such assemblies proposed or considered by such manufacturer and the reasons therefor.
 - e) the facts or assumptions upon which Sections 3.2.4.2.1 (titled Fuel Assemblies); 3.2.4.2.4 (titled Burnable Poison Rod Assembly) and 3.2.4.2.5 (titled Orifice Rod Assembly) of the Final Safety Analysis Report for Crystal River are based,
 - f) the cause of the shutdown of a reactor coolant pump at Crystal River on February 17, 1978 including but not limited to the cause of the disengagement and/or ejection of the burnable poison rod assemblies and the cause of the shutdown at Crystal River on March 3, 1978,
 - g) the relationship between the flow characteristics, flow conditions and hydraulic forces of the nuclear steam system at Crystal River and the burnable poison rod assemblies and fuel assemblies contained in that system.
- (2) To the extent not supplied in response to other requests in this letter, the following reports: Topical Report BAW-10037 "Reactor Vessel Model Flow Tests" and Topical Report BAW 10038 "Vibration Analysis and Preoperational Test Program for 177- Fuel Assembly Prototype Reactor Internals", both referenced in the Final Safety Analysis Report for Crystal River.
- (3) All documents which relate to, comment on or evidence any shutdown, failure or other difficulty involving burnable poison rod assemblies supplied by B & W at nuclear facilities other than Crystal River on or before February 17, 1978.
- (4) All documents which relate to, comment on or evidence any shutdown, failure or other difficulty involving burnable poison rod assemblies at nuclear facilities other than Crystal River whether or not such assemblies were supplied by B & W.
- (5) All documents which relate to, comment on, or evidence any shutdown, failure or other difficulty at any nuclear facility other than Crystal River Unit 3 in which loose parts in the nuclear steam system entered, or were said to enter, a steam generator.

You are authorized to incur, and we will pay, fees for search and duplication up to and including \$500.00, without further authorization on our part. However, if you estimate the fees required to comply with this request are likely to exceed \$500.00, please telephone me (collect) prior to complying with this request.

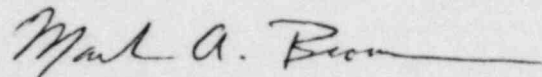
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If there is any delay in complying with any of the above-enumerated requests, please forward the other materials requested as soon as possible prior to complying with the requests that will involve some delay.

If you believe some parts of a file are exempt from release, please provide me with all "reasonably segregable" portions of the requested information which are not exempt and please advise me as to which exemption you believe covers the material which you are not releasing.

Thank you very much for your time and assistance with this matter. If you have any questions regarding this request, please telephone me (collect).

Very truly yours,



Mark A. Brown

MAB/cks

Certified Mail
Return Receipt Requested