CUB &

CITIZENS' UTILITY BOARD

• 16 N. Carroll St., Suite 300 • Madison, WI 53703 • (608) 251-3322 • FAX (608) 251-7609 •

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Related Const

April 27, 1998

Mr. Russell Powell FOIA/Privacy Act Officer Nuclear Regulatory Commission Washington, D.C. 20555

Re: Freedom of Information Act Request

Dear Mr. Powell:

Pursuant to the Freedom of Information Act, 5 U.S.C. 522, as amended and 10 C.F.R. Part 9.41, the Wisconsin Citizens' Utility Board (CUB) requests the following documents:

1. Please provide any and all documents that contain information on the results of the demonstration of examination techniques of VSC-24 lid welds, which began in April, 1998, at Palisades nuclear plant.

For purposes of this request, 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, electronic mail and any other form of written communications including internal NRC memoranda.

Pursuant to and in compliance with 10 C.F.R. 9.41 of the agency's regulations and 5 U.S.C. 552 governing requests for waiver of fees, CUB puts forth the following information.

CUB was incorporated pursuant to Chapter 181, 1979, of the Wisconsin Statutues. CUB is exempt from Federal income tax under Section 501(c)(4) of the Internal Revenue Code. CUB is also exempt from Wisconsin franchise tax.

The restricted fund (public interest fund) is exempt from Federal income tax under Section 501(c)(3) of the Internal Revenue Code. The fund is also exempt from Wisconsin income taxes. The public interest fund was established on February 1, 1981, and reorganized on April 28, 1986 to correspond to the new structure of the CUB. The fund engages in charitable, scientific, literary and educational activities on behalf of CUB.

CUB has 26,000 members who are residential ratepayers in Wisconsin. CUB represents the more than two million residential ratepayers in the state. CUB's purpose continues to be the statutory purpose set forth under sec. 199.02, Wis. Stats.:

of this state by ensuring effective and democratic representation of individual farmers and other individual residential utility consumers before regulatory agencies, the legislature and other public bodies and by providing for consumer education on utility service costs and on benefits and methods of energy conservation.

CUB seeks the requested information to become informed of the results of the demonstration of examination techniques of VSC-24 lid welds at the Palisades nuclear plant. The examination techniques were being tested to determine their usefulness in identifying the acceptability of VSC-24 lid welds. Demonstration of examination techniques of VSC-24 lid welds were also conducted at the Arkansas Nuclear One plant during March, 1998. The results of those tests are the subject of FOIA/PA 98-164. A Wisconsin utility's plans for loading VSC-24 casks with high level radioactive waste will be affected by the results of the demonstrations. CUB intends to use the information to assist it in its participation in any proceedings before Wisconsin regulatory agencies, and as part of CUB's ongoing effort to educate the public on nuclear energy issues in Wisconsin.

The information sought, is not, to the best of our knowledge, in the public domain. The general public in Wisconsin has displayed great interest in nuclear energy issues and have a direct interest in information regarding the operational performance of the VSC-24 cask. A Wisconsin utility currently uses the VSC-24 cask to store spent nuclear fuel near the shore of Lake Michigan.

CUB has demonstrated its ability and commitment to inform the public on all important nuclear energy issues in Wisconsin. CUB provides this information free of charge through newsletters, educational pamphlets, and correspondence to its members, other residential ratepayers, legislators, and policy makers, and has neither a commercial nor a private interest in the agency records sought.

Under the amended fee waiver standard, CUB is clearly entitled to a full waiver of all search, review and duplication fees. This standard calls for such a waiver, "if disclosure of the information is in the public interest because it is likely to contribute significantly to the public understanding of the operation or activities of the government and is not primarily in the commercial interest of the requester." 5. U.S.C. 552(1)(4)(A)(iii).

In light of the foregoing, CUB meets this standard on its face. CUB has no commercial interest in this matter, but rather seeks this information to help the general public and state regulatory agencies better understand the role of the federal government in regulating the nuclear power industry.

For the reasons cited above, CUB's request falls squarely within the Congressional intent in enacting the Freedom of Information Act and the fee waiver provision. CUB, therefore, asks that the NRC grant a full fee waiver for this FOIA request.

Thank you for your anticipated cooperation. If you have any questions in regards to this request, please feel free to contact me at your earliest convenience. Please contact me before acquiring and sending the requested information if the fee waiver is not applied.

Sincerely,

Dennis Dums

Research Director

From:

Allen Howe, UMSS

To:

WNP1.JOT, WNP1.GMT9 Thomas & DU

Date:

4/27/98 1:08pm

Subject:

Update on the VSC-24 weld issues

The following is in response to your request for the status on the VSC-24 weld issues.

Update on the VSC-24 weld issues:

Last week, the VSC-24 Owners Group (Sierra Nuclear Corporation, Pt. Beach, Palisades, & ANO) successfully demonstrated a technique to ultrasonically examine the VSC-24 structural-lid closure weld using time-of-flight technology during an NRC inspection at Palisades. This was a major milestone in the process for resumption of fuel loading. Other milestones for the VSC-24 Owners Group and the individual licensees include training and qualification of personnel to perform the examinations, closure of the remaining RAIs, and completion of site specific safety evaluations, procedure changes, and training.

NRC remaining milestones include issuance of the inspection report for ultrasonic examination, review and issue documentation to close the Sierra Nuclear Corporation CAL issues related to fuel loading, and site specific inspections to verify implementation of corrective actions and commitments. The target for completion of items and resumption of fuel loading is June/July 1998.

CC:

TWD2.TWP8.WFK, CJH, SFS, TJK1



Mail Envelope Info: (3544BB72.A46: 17: 42080)

Subject: Update on the VSC-24 weld issues

Creation Date: 4/27/98 1:08pm From: Alien Howe

Created By: WND1.WNP7:AGH1

Recipients Action Date & Vime

Post Office TWD2.TWP8

WFK CC

Post Office WND1.WNP1 GMT (Glenn Tracy) JOT (John Thoma)

Post Office WND1.WNP7 CJH CC (Charles Haughney) SFS CC (Susan Shankman) TJK1 CC (Timothy Kobetz)

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 04/27/98 09:08am

Options

Auto Delete: No

Expiration Date: None
Notify Recipients: No
Priority: Normal
Reply Requested: No
Return Notification:: None

Concealed Subject: No Security: Normal

To Be Delivered: Immediate
Status Tracking: All Information

TALKING POINTS FOR WFK MEETING

April 27, 1998

UT INSPECTION

- Inspection at Palisades
- UT successfully demonstrated during "dry run" in both MTC and VCC
- Owners group guidance document submitted 5/1/98
- EPRI will administer qualification program

FUTURE ACTIONS FOR FUEL LOADING

- Issue UT Inspection Report (May 29, 1998)
- Owners Group submit list of future milestones (May 1, 1998)
- Owners Group respond to remaining outstanding RAIs (tentatively, May 22, 1998)
- Weld Team prepare SNC CAL Closeout (mid June 1998)
- CAL closeout inspection at Point Beach (mid June 1998)
- Owners Group schedule to inspect loaded casks

POTENTIAL OBSTACLES

- Owners Group submittals for chieure of SNC CAL
- Resources for SNC CAL closeout and utility CAL closeout inspection
- Weld team agreement on technical issues involving allowable flaw size calculation

Alv



From:

Timothy Kobetz, Nm 5 5

To:

CJH, EJL, PLE, FCS, TWD2.TWP8.WFK & Laughay, Umss

Date:

Subject:

VSC-24 UT Inspection Update

The inspection team is on a tight schedule this morning and requested not to have a call with us this morning unless absolutely necessary. However, they provided me with the following update

The Time-of-Flight UT method is a workable method to UT the both casks loaded in the future and those already loaded and in service.

The data scatter is within an acceptable range to be covered by the proposed acceptance criteria.

The inspection will continue in-office for one more week to allow the VSC-24 Owners Group to submit its UT Guideline Document. The document will contain generic information to be included in the loading procedures for each utility and the procedure for UTing previously loaded casks.

The utilities are building a new mock-up which will be used in the future to certify new UT analysts. The mock-up will be controlled such that the location of the flaws will not be known to those individuals being certified.

Overall, things look favorable for the utilities to implement the Time-of-Flight UT method.

Please call me with any questions.

Tim

CC:

HWL, RWP, CGI, TWD2.TWP0.EMH1, TWD2.TWP0.MGV, AGH1...



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Mall Envelope Info:

(35407943.AF5: 14: 44888)

Subject:

VSC-24 UT Inspection Update

Creation Date: From: 4/24/98 6:36am Timothy Kobetz

Created By:

WND1.WNP7:TJK1

Recipients

Post Office TWD2. TWP0
EMH1 CC (Edwin Hackett)
MGV CC (Michael Vassilaros)

Post Office TWD2.TWP8
WFK

Post Office WND1.WNP7
AGH1 CC (Allen Howe)
CG! CC (Charles Interrante)
CJH (Charles Haughney)
EJL (Eric Leeds)
FCS (Frederick Sturz)
HWL CC (Henry Lee)
PLE (Patricia Eng)
RWP CC (Ronald Parkhill)

Post Office WND2 WNP3 LLG CC (Linda Gundrum) RGS CC (Robert Schaaf) WDR CC (William Reckley)

Domain.Post Office

TWD2.TWP0 TWD2.TWP8 WND1.WNP7 WND2.WNP3

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Size 1072 4109 Date & Time 04/24/98 06:36am 04/24/98 02:36am

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None

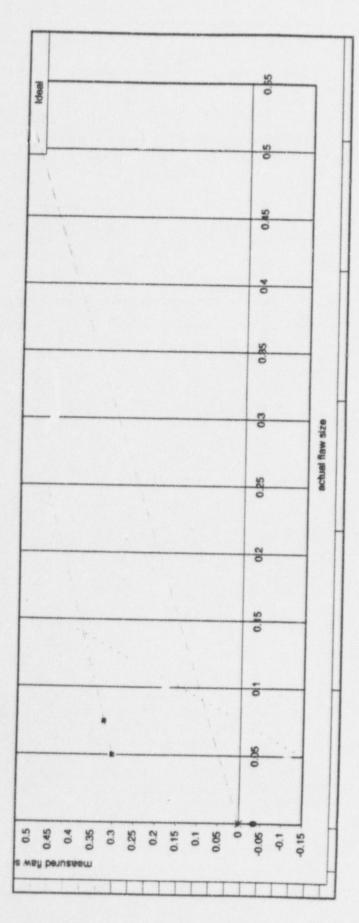
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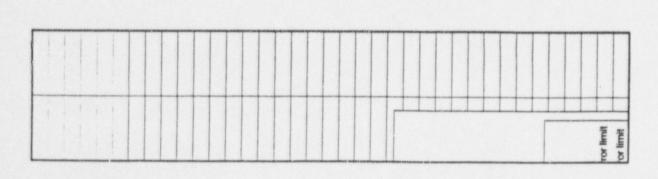
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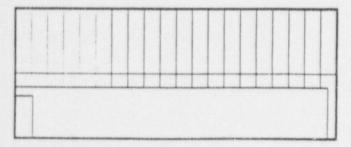
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Purpose/Scope: To review SNC and the VSC-24 Owners Group (the VSCOG includes ANO, Pt. Beach, Palisades, and SNC) demonstration of ultrasonic testing of the structural-lid closure weld on the MSB mock-up.

Dates: March 16-20, 1998 and April 20-24, 1998

Report No. 72-1007/98-202

Certificate Holder: Sierra Nuclear Corporation

Location: Arkansas Nuclear One Site, Russellville Arkansas, Palisades Plant, Covert Michigan

Inspection Procedure(s): 60851 - Design Control of ISFI Components (Reference IP - 57080, NDE/UT Review/Work Observation/Record Review)

Inspectors: Allen Howe, SFPO (Lead)

C. Ken Battige, SFPO Mike Anderson, INEEL Steven Doctor, PNNL

Debbie Jackson, RES (Observer)

VSCOG Contact: (ANO) Ray Keller 501-858-4688

Pager 501-964-1678

John Dosa 501-358-4621

Pager: 501-964-3991 FAX 501-858-4685

(PAL) Emil Zumick 616-764-2917 John Brischak 616-764-2650

Key inspection areas:

- Perform a detailed review of the UT methodology employed to examine the structural lid closure weld. This includes actual demonstration of the UT equipment, operation, selection of the proper signals, data acquisition, data analysis, and data interpretation. The UT technology will be demonstrated, on a full diameter mock-up, under simulated field conditions including restrictions on access to the weld volume, elevated temperatures, etc. Evaluate differences between the mock-up and field conditions.
- Review tabulated data on UT scans to determine error band on UT method. Data
 includes detection, sizing, type of flaw, location and orientation. Has the VSCOG
 determined an error band? If so evaluate the adequacy of the error band and the
 method for determining it.
- Review UT examination procedures. Verify that there are adequate controls described in the procedures to ensure that personnel are qualified (to take data and/or interpret data), the essential variables are controlled, and that the procedure is sufficiently detailed to produce reliable and repeatable results. An examination strategy with a logic tree format is expected. Evaluate the various branches of the logic tree.
- Evaluate UT issues

P-Scan Issue 1 - UT "near field" effects. What measures will be taken to address UT examination in the near-field regime to assure reliable and repeatable examination results?

P-Scan Issue 2 - Transducer size. For flaw sizing, it is generally better to use transducers that produce the smallest practicable sound beam cross section at the flaw location. The transducer described by the VSCOG produces a sound beam cross sectional area much larger than most of the flaws that are being sized. What measures is the VSCOG taking to ensure accurate flaw sizing with the transducer proposed for this UT examination technique? May provide a test block for examination by VSCOG.

- Evaluate method(s) to access MSB. Design of jacking device, set-up, operation, travel limits, etc.
- Review the ALARA planning and evaluation.

 finger rings for setup/removal
 neutron and gamma surveys
 temporary shielding
 low dose waiting/observation areas
 significant ALARA planning should be evident wrt job sequence, practice
 runs, communication between ALARA and job coordinators
- Review flaw insertion documentation (DONE)
- Review mock-up baseline UT data (DONE)
- Review 72.48 information to determine what 72.48 evaluations will be needed.
- Miscellaneous issues:
 contingencies for retrieval of lost parts, lanyards, etc.
 QA/QC of demonstration

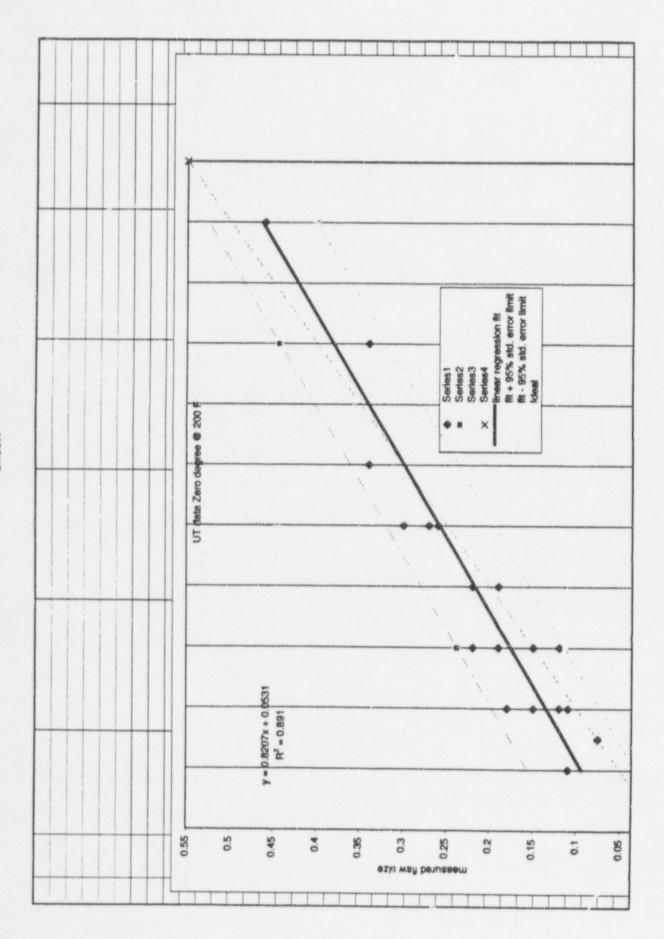
Inspection Objectives

To observe and evaluate the

- 1) Proposed UT method, capabilities, limitations, and reliability
- 2) The overall process for feasability, safey, ALARA, etc.
- 3) UT procedure guidance and VSC-24 OG control
- 4) 72.48 impacts

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