



OG-01-075
December 19, 2001

WCAP-15712, Rev. 0 (Proprietary)
Project Number 694

Domestic Members

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- American Electric Power Co.
D.C. Cook 1 & 2
- Carolina Power & Light Co.
H.B. Robinson 2
Shearon Harris
- Consolidated Edison
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Indian Point 2
- Duke Power Company
Catawba 1 & 2
McGuire 1 & 2
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Indian Point 3
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- First Energy Nuclear
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Seabrook
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Kewaunee
- Pacific Gas & Electric Co.
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Salem 1 & 2
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Wolf Creek

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Mihama 1
Takahama 1
Ohi 1 & 2
- Korea Electric Power Co.
Kori 1 - 4
Yonggwang 1 & 2
- Nuclear Electric plc
Sizewell B
- Nuklearna Elektrarna Krsko
Krsko
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- Taiwan Power Co.
Maanshan 1 & 2

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Chief, Information Management Branch,
Division of Inspection and Support Programs

Subject: Westinghouse Owners Group
Transmittal of WCAP-15712, Rev. 0, (Proprietary), "IRI High Burnup
Threshold Assessment Program" (MUHP-1900)

Reference 1 WOG Letter to NRC, "Westinghouse Owners Group Position Paper on
Incomplete Rod Insertion," OG-97-113, October 17, 1997

This letter transmits five (5) copies of WCAP-15712, Rev. 0 (Proprietary), "IRI High Burnup
Threshold Assessment Program," dated November 2001. WCAP-15712 addresses an NRC
concern relative to the Incomplete Rod Insertion (IRI) issue that a 'data void' existed in
measured fuel assembly drag from fuel assemblies with exposures greater than 50,000
MWD/MTU (assembly average). WCAP-15712 evaluated an additional 104 fuel assemblies
with exposures greater than 50,000 MWD/MTU. Based on these additional evaluations as
reported in WCAP-15712, the WOG along with Westinghouse have concluded:

- The existing WOG Fuel Burnup Threshold limits for rodged assemblies, as reported in
reference 1, are conservative and should not be changed.
- Implementation of fuel design features, such as IFM grids, thicker thimble tubes or
smaller bottom nozzle rod gap (BNRG), reduces the potential for IRI.
- The IRI issue has been addressed and additional analysis or testing is not needed.
- IRI issue with respect to fuel assembly /thimble tube bowing is closed.

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Group Chairman will result in the rejection, by the Westinghouse Owners Group, of any and
all review fees assessed against the Westinghouse Owners Group associated with the
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Regulatory Commission assents to the foregoing terms of disclosure.

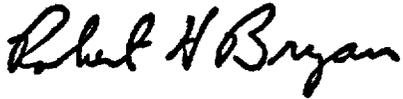
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If you require further information, feel free to contact Mr. Ken Vavrek in the Westinghouse Owners Group Project Office at 412-374-4302.

Very truly yours,

A handwritten signature in black ink that reads "Robert H. Bryan". The signature is written in a cursive style with a large, prominent "R" and "B".

Robert H. Bryan, Chairman
Westinghouse Owners Group

enclosures

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cc: Westinghouse Owners Group Primary Representatives (1L)
Westinghouse Owners Group Steering Committee (1L)
Westinghouse Owners Group Analysis Subcommittee Representatives (1L)
Westinghouse Owners Group Fuel Working Group Representatives (1L)
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U. Shoop, NRC, USNRC OWFN 10 B3 (1L, 1E)
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R. Etling, W- ECE 5-43 (1L)
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