

April 5, 2002

MEMORANDUM TO: Michael E. Mayfield, Director
Division of Engineering Technology
Office of Nuclear Regulatory Research

FROM: Gary M. Holahan, Director/**RA/ S. Black for:**
Division of Systems Safety and Analysis
Office of Nuclear Reactor Regulation

SUBJECT: COMPLETION OF OUR REVIEW OF TECHNICAL REPORTS
DOCUMENTING THE TECHNICAL ASSESSMENT OF GENERIC
SAFETY ISSUE 191 (GSI-191) PRIOR TO THEIR PUBLICATION AS
NUREG/CRS

On February 8, 2002, you forwarded to us a memorandum with eight technical reports attached, documenting the Technical Assessment of Generic Safety Issue 191 (GSI-191), "Assessment of Debris Accumulation on PWR Sump Performance." Your memorandum requested that the Office of Nuclear Reactor Regulation review and comment upon these reports, listed in the table below, before their scheduled conversion to NUREG/CRs in April 2002. We have reviewed these technical reports, and, as they fully address our needs, have no further comment.

Technical Reports to be Converted to NUREG/CRs	
Title	Accession Number
GSI-191: Parametric Evaluations for Pressurized Water Reactor Recirculation Sump Performance	ML020300349
GSI-191: Summary and Analysis of US Pressurized Water Reactor Industry Survey Responses and Responses to GL 97-04	ML020280288
GSI-191: Thermal-Hydraulic Response of PWR Reactor Coolant System and Containments to Selected Accident Sequences	ML020310161
Development of Debris Generation Quantities in Support of the Parametric Evaluation	ML020290554
Jet Impact Tests - Preliminary Results and Their Application	ML020290085
GSI-191: Development of Debris Transport Fractions in Support of the Parametric Evaluation	ML020290128
GSI-191: Separate-Effects Characterization of Debris Transport in Water	ML020300279
GSI-191: The Impact of Debris-Induced Loss of ECCS Recirculation on PWR Core Damage Frequency	ML020910134

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