

ATTACHMENT 6

**Calculation 51-2400552-01,
"Assessment of Other External Event Hazards at NEF for ISA and Design Basis"**

A**ENGINEERING INFORMATION RECORD****FRAMATOME ANP**Document Identifier 51 - 2400552 - 01Title Assessment of Other External Event Hazards at NEF for ISA and Design Basis**PREPARED BY:****REVIEWED BY:**Name G.A. HarperName D.M. PepeSignature *G.A. Harper* Date 12/12/03Signature *D.M. Pepe* Date 12/15/03Technical Manager Statement: Initials D.M. 12/16/03

Reviewer is Independent.

Remarks:

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As part of the Integrated Safety Analysis (ISA), the structures comprising the National Enrichment Facility (NEF) have been evaluated for other (transportation, nearby facility accidents, and on-site natural gas use) external event hazards. Through the ISA process, the appropriate design basis loads can be specified, if required, as outlined in this Engineering Information Record.

The assessment demonstrates that no design basis events for transportation and nearby facilities were identified that require an explicit design basis for the NEF.

The ISA Accident Sequence and Risk Index for other (transportation and nearby facility accidents) external event hazards is provided in Table 1. The ISA Accident Description for external event other (transportation and nearby facility accidents) is provided in Table 2.

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Revision Summary Page

Affected Section and/or Page(s)	Description <small>(Include changes to calculation attachments, microfiche, and electronic media)</small>
General	Revision 1 updates one reference and incorporates a Design Verification Checklist. The revision does not affect the inputs or the results in the original document.
Pg 2	Added revision summary page as required by procedure.
Pg 12	Updated Reference 5 to note revision.
Attachment F	Added Design Verification Checklist as required by revision to FANP Procedure 0402-01, Revision 35.

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