

Enclosure 6 to
LTR-RAC-20-94
Date: December 18, 2020

Enclosure 6

Response to Request for Additional Information

TAF-500-11, 10 CFR 70.72 Engineering Pre-screening Checklist

TITLE: 10CFR70.72 ENGINEERING PRE-SCREENING
CHECKLIST
TYPE: REFERENCE USE
DATE: 07-12-18

FORM NO:
REFERENCE NO:
REVISION:

TAF-500-11
NONE
0

10CFR70.72 Engineering Pre-screening Checklist

Licensing Guidance References: 10CFR70.72, SNM-1107, American Nuclear Insurers			
Description of proposed Change/Activity (including CCF No.):			
PRELIMINARY REVIEW:	Yes	No	N/A
Could the change /activity create new types of accident sequences that, unless mitigated or prevented, would exceed the performance requirements of 10CFR70.61 and that have not been previously described in the integrated safety analysis summary?			
Safety Significant Control (SSC) impacted?			
Potential to create a Non Favorable Geometry (NFG) in the chemical area?			
Potential to impact (in any way) a SNM process (e.g., impacting the roof above an SNM process)?			
Potential to impact Criticality Accident Alarm System (CAAS) or CAAS coverage (e.g. shielding of detector)?			
Introduce a new or increased inventory of an existing Chemical / Hazardous Material not previously authorized or in a new area or a new method for an exposure concern?			
Introduce or create Flammable Explosive material or a new Flammable Explosion scenario (e.g., Natural Gas, zirconium waste/particles, hot oil, dust or vapors)?			
Potential to impact fire safety equipment/ Sprinkler Systems/fire barriers?			
Introduce significant permanent or transient combustibles?			
Potential to impact Building Structure or Roof loading (e.g., building codes, HVAC)?			
Change the site boundary or distance to the public?			
Could the change /activity use new processes, technologies or control systems for which the facility has no prior experience?			
Could the change /activity remove, without at least an equivalent replacement of the safety function; an item relied on for safety that is listed in the integrated safety analysis summary?			
Could the change /activity alter any item relied on for safety, listed in the integrated safety analysis summary, which is the sole item preventing or mitigating an accident sequence that exceeds the performance requirements of 10CFR70.61?			
Is the change /activity otherwise prohibited by regulation, license condition, or order?			
Does the change potentially impact Environmental Safety?			
Activity has the potential for a spill or unmonitored release resulting in a reportable event?			
Activity involves materials that potentially contain asbestos or lead paint?			
Activity can impact Environmental Permits or Regulations? (EPA/SCDHEC/NRC)			
Activity may generate a new waste stream or Low Level Radioactive Waste?			
Activity involves land/soil disturbance or removal?			
Potential to impact or add gaseous emissions?			
Potential to impact wastewater, storm water or groundwater (e.g., wells, underground piping)?			
Activity involves refrigerant addition or removal?			
Potential to impact RMP covered equipment?			

PRELIMINARY REVIEW:	Yes	No	N/A
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Procedure # TA-500

Electronically approved records are authenticated in the electronic document management system.

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Is the change potentially impact Radiological Safety?			
Activity may require an RWP?			
Activity involves potentially new exposure pathway to workers (e.g. hoods, HVAC) or the environment?			
Potential to impact Permits or Regulations? (SCDHEC/NRC) (e.g. new radioactive source or x-ray equipment)			
Does this potentially affect compliance with Physical Security Plan Requirements? If Yes or not sure, contact the Security Manager or the Licensing Manager.			
Activity could impact the Security Plan (e.g., Security Doors, Main Security Desk Equipment, Gate 1 or ECP Security equipment, Security Seals, Controlled Access Area Boundary Fence, Camera System, Intrusion Detectors)?			
Does this potentially affect compliance with Fundamental Nuclear Material Control Plan Requirements (i.e., Item Control or Measurement Control)? If Yes or not sure, contact the Safeguards Coordinator.			
Does this potentially affect compliance with Site Emergency Plan Requirements? If Yes or not sure, contact the EH&S Emergency Manager.			
Potential to impact evacuation routes?			
Potential to impact response routes for Brigade?			
Potential to impact primary or secondary Emergency Operations Center (EOC)?			
Potential to impact facility alarms, communications equipment, or PA systems?			
Potential to impact Brigade response equipment or capabilities?			

JUSTIFICATION: (Attach supporting documentation as necessary)

COMPLETED BY:
(Print and Sign)

DATE:

REVIEWED AND APPROVED BY:
(Print and Sign)

DATE:

Industrial Safety Engineer:

Environmental Safety Engineer:

Criticality Safety Engineer:

Radiation Safety Engineer:

Safeguards Engineer: