
INPUT TO 2008-09 PROGRAMME

ENHANCED SUMMARY OF

NUSAC/RG6/07/01

BY

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ND 4A

CONTENTS

- SERCO RSD REVIEW OF NRI
- PROGRESS WITH 2007-08 NSR PROGRAMME
- 2008-09 NRI
- 2008-09 SELLAFIELD & DECOMMISSIONING RESEARCH STRATEGY STATEMENTS
- HUMAN FACTORS POSITION STATEMENT (E RIDSDALE)

SERCO REVIEW

SCOPE

CONSULTANT TO LIAISE WITH RESEARCH PROJECT OFFICERS TO:

- RECONCILE STATUS OF ISSUES WITH PRIORITY
- UPDATE/COMPLETE ENTRIES IN DATA FIELDS
- RECONCILE STATUS OF ISSUES WITH THE DESCRIPTIONS IN THE BE AND MEL 2006-07 NRSs
- GENERAL EDITING TO IMPROVE PRESENTATION AND CLARITY

SERCO REVIEW

FINDINGS:

- STATE OF NRI FAIRLY GOOD – PROJECT OFFICERS HAD ALREADY ENGAGED EXTERNAL CONSULTANTS TO UPDATE SOME SECTIONS.
- MAIN PROBLEM WAS CROSS-REFERENCING OF LICENSEE NRSs WITH NRI ISSUES.
- SOME PROJECT OFFICERS TOOK ADVANTAGE OF THE REVIEW TO PRODUCE THE 2007 UPDATE OF THEIR SECTIONS.
- NRI BENEFITED FROM SCRUTINY BY EXTERNAL PEER REVIEW

PROGRESS WITH THE 2007-08 NRS (LEVY) PROGRAMME



- CABRI Programme expected to make up lost ground.
- Two Graphite Projects from 2006-07 continued into year
- FP6 PERFECT project contribution in kind has been cancelled
- Limited take-up of the FP7 'Seedcorn' money
- Water Chemistry Knowledge Transfer project delayed.
- HSL Graphite EngD. Project Delayed
- Awaiting OECD PKL programme extension
- USNRC CSARP membership is being negotiated
- Licensees' Parts of the NSR Programmes are satisfactory

2007 NRI (Informs 2008-09 Operating Reactors Programme)

ONGOING INTELLIGENCE AND DATA GATHERING,
IMPROVEMENTS TO EXISTING INSPECTION METHODS
AND DATA:

PLM- Steels
Civil Engineering
Fuel & Core
Radionuclides
PSA

Nuclear Science
Plant Modelling
Internal & External Events
Radiological Safety

Existing NRI Structure no longer applicable.

Alternative, strategically-based way of presenting concerns suggested.

PLM – Steels Section presented in this alternative way

2007 NRI (Continued)



ISSUES THAT CAN STILL BE ADDRESSED BY INDIVIDUAL RESEARCH PROJECTS

Control & Instrumentation

Graphite

Chemical Processes

Human Factors

Existing NRI Structure useful for tracking
progress on addressing Issues.

2007 UPDATE TO SELLAFIELD AND DECOMMISSIONING LICENSEE RESEARCH STRATEGY STATEMENTS (Input to 2008-09 TBURDS for NDA)

- ‘Universal’ Waste & Decommissioning Research Strategy Statement has been developed based upon ‘Quintessa’ Workshop.
- ‘Universal’ Human Factors Research Strategy is being developed
- Shift to data and intelligence gathering and improving analytical and inspection methods
- Process Technology and Plant Materials – Shift from Operating Fuel Cycle plant to waste management including interim storage
- Control & Instrumentation is an area requiring concerns to be addressed through individual Research Projects – Many common to Operating Reactors.