

DISTRIBUTION:  
 Central Files  
 PSS Rdg. File  
 LCrocker  
 FHebbon  
 WMinners  
 BRussell  
 RBoyd  
 RCDeYoung

RJMattson  
 VStello  
 DFBunch  
 DMCrutchfield  
 MBAYcock

JAN 04 1979

MEMORANDUM FOR: Edson G. Case, Chairman  
 Technical Activities Steering Committee

FROM: Michael B. Aycock, Secretary  
 Technical Activities Steering Committee

SUBJECT: NRR PROGRAM FOR THE RESOLUTION OF GENERIC  
 ISSUES - PRIORITIES AND FUTURE ACTIONS

The Advisory Group has undertaken a review of the generic tasks in the NRR program in an effort to develop recommendations regarding their relative priorities. We have attempted to quantify the worth of the various tasks by assigning points for each task's value in terms of safety significance, environmental significance, licensing and/or resource effectiveness or efficiency, need, and applicability. The point system and how it was used are described in Enclosure 1.

We believe that now that we have completed the "Unresolved Safety Issues" exercise and assuming that we can achieve enough priority definition to complete resource assignments for the generic tasks, it is time to complete those actions necessary to make the generic issues program fully operational. For this reason, we have developed a number of recommendations directed toward rejuvenating our efforts in the management and monitoring of generic issues in NRR. Some of the recommendations are designed to streamline the current procedures to make the management and monitoring less cumbersome. Others are designed to assure that progress on the highest priority tasks will not be unnecessarily delayed because available resources are being diverted to other lower priority efforts. These recommendations are provided in Enclosure 2.

15

Michael B. Aycock, Secretary  
 Technical Activities Steering Committee

Enclosures:  
 As Stated

OFFICE	NRR:PSS					
SURNAME	MBAYcock:dr					
DATE	01/1/79					

POINT SYSTEM FOR RANKING GENERIC TASKS  
IN ORDER OF PRIORITY

Each generic task was reviewed by the Advisory Group and points assigned in accordance with the point values in Table 1. This table was developed through a trial and error process. The following general rules were used in assigning the points:

- (1) Point categories I, II, III.1, III.2, and III.3 were considered to be exclusive, i.e., if points were assigned under one of these categories, no points could be assigned under the others.
- (2) Category V, "Applicability," was used only if points were assigned in Categories I.1 or I.2.

The applicability category was included in an attempt to differentiate between those potentially risk significant issues that apply to operating or near operating plants and those that apply only to future plants or put quite simply, to recognize the fact that operating plants present a greater public risk than plants in the design or construction phase.

Using these general rules the Advisory Group assigned points to each generic task. The point assignments and totals for each task are included as Appendix A to this enclosure. Although the point assignments were based on our collective judgment, utilizing the information available to us (e.g., the RES risk assessment), some assignments were dictated by other factors. For example, by definition, only "Unresolved

Safety Issues" involve the potential for a significant reduction in risk or compensating for a possible major reduction in the degree of protection of the public health and safety. For this reason, only "Unresolved Safety Issues" could receive 100 points under the Safety Significance Categories I.1 or I.2. In addition, if the ACRS had assigned an issue to Category A (November 1977 Status Report on Generic Items), we assumed there was "substantial ACRS interest" and assigned 30 points to the task under Category IV.2. If the ACRS assigned it to Category B or lower, we assumed there was "minor ACRS interest" and assigned 10 points.

We considered breaking down the priorities further by ordering the tasks from 1 to 133, for instance, but decided that such further breakdown would be difficult and not very meaningful in terms of use by the line organizations. We believe that the degree of ordering provided is adequate to indicate which tasks are high priority and should be worked on first and which tasks are low priority and should not be worked on. We do not profess to have assigned all of the tasks with precisely the correct priority. Nonetheless, we believe it is necessary for NRR management to provide explicit guidance for the highest priority tasks and therefore they should be identified and resources committed to them in spite of the possible impreciseness of the specific point totals. We believe, however, that once you go below this so-called "top priority" group, the line organizations should be given some flexibility, i.e., they should be allowed to choose tasks from the next several lower point totals, when choosing which tasks to work

on next. On the other hand, work should be halted altogether on the lower priority tasks until such time as significant progress is made in resolving the higher priority tasks.

TABLE 1  
POINT VALUES

	<u>Point Value</u>
I. <u>Safety Significance</u>	
1. Risk Reduction Potential	
a. Potentially Significant .....	100
b. Small .....	30
2. Compensates for Possible Reduction in the Degree of Protection	
a. Major Reduction .....	100
b. Minor Reduction .....	30
3. Confirmatory .....	30
4. Little or No Safety Significance .....	0
II. <u>Environmental Significance</u>	
1. Environmental Impact Reduction Potential	
a. Significant .....	90
b. Minor .....	20
2. No Direct Environmental Significance .....	0
III. <u>Licensing and/or Resource Effectiveness of Efficiency</u>	
1. Relax Safety or Environmental Review Requirements	
a. Substantial Cost Impact .....	70
b. Minor Cost Impact .....	10

	<u>Point Value</u>
III. <u>Continued</u>	
2. Develop or Improve Independent Safety of Environmental Review Capability	
a. Badly Needed .....	50
b. Needed .....	10
c. Nice to Have .....	0
3. Develop or Improve Guidance on Environmental or Safety Review Requirements	
a. Badly Needed .....	50
b. Needed .....	10
c. Nice to Have .....	0
4. Number of Plants Affected by Task	
a. All or Most .....	30
b. Substantial Number .....	20
c. Few (Less than 10%) .....	0
5. Curtailing Effort on Task Would Result in Inefficient Use of Resources	
a. Substantial Loss of Resources Would Occur .....	30
b. Would Have Little or No Impact .....	0
6. No Direct Impact on Licensing Effectiveness or Efficiency .....	0
IV. <u>Need</u>	
1. Need to Complete Task in a Specific Time	
a. Within 1 Year .....	30
b. 1-3 Years .....	20

	<u>Point Value</u>
IV. <u>Continued</u>	
c. Beyond 3 Years .....	10
d. No Apparent Need by a Specific Time .....	0
2. Congressional, Commission, ASLB, ACRS or Public Interest	
a. Substantial .....	30
b. Minor .....	10
c. None Apparent .....	0
V. <u>Applicability</u>	
1. Operating Plants and/or OLS .....	20
2. CPs .....	10

APPENDIX A  
RESULTS OF POINT ASSIGNMENTS

Point Total - 230

- A-1 Water Hammer
- A-3 Westinghouse Steam Generator Tube Integrity
- A-7 Mark I - Long Term Program
- A-9 ATWS
- A-17 Systems Interactions
- A-39 SRV Pool Dynamic Loads

Point Total - 220

- A-2 Asymmetric Blowdown Loads
- A-10 BWR Nozzle Cracking
- A-24 Qualifications of Class IE Safety-Related Equipment
- A-40 Seismic Design Criteria

Point Total - 210

- A-11 Reactor Vessel Materials Toughness

Point Total - 200

- A-36 Control of Heavy Loads Near Spent Fuel
- A-4 CE Steam Generator Tube Integrity
- A-5 B&W Steam Generator Tube Integrity
- A-8 Mark II Program

Point Total - 190

- A-42 Pipe Cracks in Boiling Water Reactors
- A-44 Station Blackout

Point Total - 180

- A-12 Steam Generator and Reactor Coolant Pump Support
- B-6 Loads, Load Combinations, Stress Limits

Top 20

Point Total - 160

A-43 Containment Emergency Sump Reliability

---

Point Total - 150

A-20 Impacts of the Coal Fuel Cycle  
A-33 NEPA Reviews of Accident Risks  
B-41 Impacts on Fisheries

Point Total - 140

A-21 MSLB Inside Containment - Equipment Qualification  
A-34 Instruments to Follow the Course of An Accident  
A-35 Adequacy of Offsite Power Systems  
B-26 Structural Integrity of Containment Penetrations  
B-34 Occupational Radiation Exposure Reduction  
B-56 Diesel Reliability  
B-64 Decommissioning of Reactors

Point Total - 130

B-1 Environmental Technical Specifications  
B-2 Forecasting Electricity Demand  
B-46 Costs of Alternatives in Environmental Design

Point Total - 120

A-15 Primary Coolant System Decontamination  
A-30 Adequacy of Safety-Related DC Power Supplies  
~~A-31~~ Turbine Missiles  
A-18 Pipe Rupture Design Criteria  
B-48 BWR Control Rod Drive Mechanical Failures  
B-37 Chemical Discharges to Receiving Water

Point Total - 110

A-14 Flaw Detection  
A-25 Non-Safety Loads on Class IE Power Sources  
A-38 Tornado Missiles  
B-10 Behavior of BWR Mark III Containment  
B-42 Socioeconomic Environmental Impacts

Point Total - 100

- 50 →
- A-10 Snubbers
  - A-19 Digital Computer Protection Systems
  - A-28 Increase in Spent Fuel Pool Storage Capacity
  - A-29 Nuclear Power Plant Design for the Reduction of Vulnerability to Industrial Sabotage
  - B-5 Ductility of Two-Way Slabs and Shells and Buckling Behavior of Steel Containments
  - B-15 CONTEMPT Computer Code Maintenance
  - B-20 Standard Problem Analysis
  - B-25 Piping Benchmark Problems
  - B-40 Effects of Power Plant Entrainment on Plankton
  - C-10 Effective Operation of Containment Sprays in a LOCA

Point Total - 90

- A-27 Reload Application Guide
- B-3 Event Categorization
- B-22 LWR Fuel
- B-59 N-1 Loop Operation in BWRs and PWRs
- B-54 Ice Condenser Containment
- B-66 Control Room Infiltration Measurements
- C-1 Long Term Integrity of Seals on Instruments Inside Containment

Point Total - 80

- A-22 PWR Main Steamline Break
- B-28 Radionuclide/Sediment Transport Program
- B-8 Locking Out of ECCS Power Operated Valves
- B-55 Improved Reliability of Target lock Safety Relief Valve
- B-53 Load Break Switch
- B-61 Analytically Derived Allowable ECCS Equipment Outage Periods
- B-71 Incident Response

Point Total - 70

- A-16 Steam Effects on BWR Core Spray Distribution
- A-32 Missile Effects
- B-4 ECCS Reliability
- B-9 Electrical Cable Penetrations of Containment
- B-11 Subcompartment Standard Problems
- B-12 Containment Cooling Requirements (Non-LOCA)
- B-13 Marviken Test Data Evaluation
- B-35 Confirmation of Appendix I Models

Point Total - 70 (continued)

- B-47 Inservice Inspection of Supports Class 1, 2, 3 and MC Components
- B-39 Transmission Lines
- B-44 Forecasts of Generating Costs of Coal and Nuclear Plants
- B-69 ECCS Leakage Ex-containment
- B-72 Health Effects and Life Shortening from Uranium and Coal Fuel Cycles
- C-4 Statistical Methods for ECCS Analysis

Point Total - 60

- B-19 Thermal Hydraulic Stability
- B-21 Core Physics
- B-49 Inservice Inspection Criteria and Corrosion Prevention Criteria  
for Containments
- B-38 Reconnaissance Level Investigations
- B-43 Value of Aerial Photographs for Site Evaluation
- B-67 Effluent and Process Monitoring Information
- B-68 Pump Overspeed During a LOCA

Point Total - 50

- B-17 Safety-Related Operator Actions
- B-24 Seismic Qualification of Electrical and Mechanical Equipment
- B-32 Ice Effects on Safety-Related Water Supplies
- B-50 Post-Operating Basis Earthquake
- B-51 Assessment of Inelastic Analysis Techniques for Equipment  
and Components
- B-58 Passive Mechanical Failures
- B-60 Loose Parts Monitoring
- C-7 PWR System Piping
- C-8 Main Steam Line Leakage Control Systems

Point Total - 40

- B-14 Study of Hydrogen Mixing Capability in Containment Post-LOCA
- B-27 Implementation and Use of Subsection NF
- B-62 Re-examination of Technical Bases for Establishing Technical  
Specifications Limits
- C-5 Decay Heat Update
- C-6 LOCA Heat Sources
- C-9 RHR Heat Exchanger Tube Failures
- C-16 Assessment of Agricultural Land in Relation to Power Plant Siting  
and Cooling System Selection

Point Total - 30

- B-7 Secondary Accident Consequence Modeling
- B-31 Dam Failure Model
- B-33 Dose Assessment Methodology
- B-36 Develop, Design Testing and Maintenance Criteria for Atmosphere Cleanup System
- B-29 Effectiveness of Ultimate Heat Sinks
- B-65 Iodine Spiking
- B-73 Monitoring for Excessive Vibration Inside the Reactor Pressure Vessel
- C-2 Study of Containment Depressurization by Inadvertent Spray Operation
- C-17 Interim Acceptance Criteria for Solidification Agents for Radioactive Solid Wastes

Point Total - 20

- C-3 Insulation Usage Within Containment (Blocking of Vent Paths in Subcompartments)
- C-11 Assessment of Failure and Reliability of Pumps and Valves
- C-15 NUREG Report for Liquid Tank Failure Analysis

Point Total - 10

- B-23 LMFBR Fuel
- D-1 Advisability of Seismic Scram
- B-70 Power Grid Frequency Degradation and Effect on Primary Coolant Pumps

Point Total - 0

- B-70 Power Grid Frequency Degradation and Effect on Primary Coolant Pumps
- C-14 Storm Surge Model for Coastal Sites

Complete

- A-6 Mark I Short Term Program
- A-23 Containment Leak Testing
- A-26 Reactor Vessel Pressure Transient Protection
- A-31 RHR Shutdown Requirements
- B-30 Design Basis Floods and Probability
- B-63 Isolation of Low Pressure Systems Connected to the Reactor Coolant Pressure Boundary
- D-3 Control Rod Drop Accident

Combined With Other Tasks

- B-45 Need for Power-Energy Conservation (Included in B-2)
- B-52 Fuel Assembly Seismic and LOCA Responses (Included in A-2)
- B-57 Station Blackout (Included in A-44)
- B-18 Vortex Suppression Requirements for Containment Sumps (Included in A-43)
- B-16 Protection Against Postulated Piping Failures in Fluid Systems  
Outside Containment (Included in A-18)
- C-12 Primary System Vibration (Included in B-73)
- C-13 Non-Random Failures (Included in A-9, A-17, A-30, A-35, A-44 and B-56)
- D-2 Emergency Core Cooling System Capability for Future Plants  
(Included in RES Improved Safety Research Program)

TASK NO. A-1  
 TITLE Water Hammer

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	20	20
2.	100	—	—	30	—
3.	—	--	—	—	--
4.	—	--	30	--	--
5.	--	--	30	--	--
6.	--	--	0	--	--
TOTALS	<u>100</u>	<u>0</u>	<u>60</u>	<u>50</u>	<u>20</u>

GRAND TOTAL 230

"Unresolved Safety Issue"  
 NRR Group 1  
 RES Category II: Potential Low Risk

POOR ORIGINAL

TASK NO. A-3-  
 TITLE (W) Steam Generator Tube Integrity

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-		-	30 <sup>1)</sup>	20
2.	100		-	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>100</u>	<u>---</u>	<u>50</u>	<u>60</u>	<u>20</u>

GRAND TOTAL 230

" Unresolved Safety Issue "

NRR Group 1

RES Category II: Potential Low Risk

ACRS Priority: A

PCOR ORIGINAL

1) S/G Replacement

TASK NO. A.7  
 TITLE Mark I - Long Term Program

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	20
2.	100	-	-	30	-
3.	-	--	--	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>100</u>	<u>---</u>	<u>50</u>	<u>60</u>	<u>20</u>
TOTALS					

GRAND TOTAL 230

TASK NO. A-9  
 TITLE ATWS

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	100	—	—	20	20
2.		—	—	30	—
3.	0	--	—	—	--
4.	—	--	30	--	--
5.	--	--	30	--	--
6.	--	--	0	--	--
TOTALS	100	0	60	50	20

GRAND TOTAL 230

" Unresolved Safety Issue "

NRR Group 2

RES Category I: Potential High Risk

TASK NO. A-17  
TITLE Systems Interactions

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	100	-	-	20	20
2.	-	-	-	30	-
3.	-	--	-	-	--
4.	-	--	30	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
TOTALS	100		60	50	20

GRAND TOTAL 230

TASK NO. A-39

TITLE SRV Bolt Dynamic Loads

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	20
2.	100	-	-	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>100</u>	<u>-</u>	<u>50</u>	<u>60</u>	<u>20</u>

GRAND Total 230

TASK NO. A-2  
 TITLE Asymmetric Blowdown Loads

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	20
2.	100	-	-	10	-
3.	-	--	-	-	--
4.	-	--	30	--	--
5.	--	--	30	--	--
6.	--	--	--	--	--
TOTALS	<u>100</u>	<u>0</u>	<u>60</u>	<u>40</u>	<u>20</u>

GRAND TOTAL 220

"Unresolved Safety Issue"  
 NRR Group 1  
 RES Category II: Potential Low Risk

TASK NO. A-10  
 TITLE BWR Nozzle Cracking

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>100</u>	<u>---</u>	<u>50</u>	<u>30</u>	<u>20</u>

GRAND TOTAL 220

TASK NO. A-24  
 TITLE Qualification of Class IE Safety-Related Egt.

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	30 <sup>1)</sup>	20
2.	100	—	—	10	—
3.	—	--	—	—	--
4.	—	--	30	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	100	0	60	40	20

GRAND TOTAL 220

1) Interim Position Needed within a Year

TASK NO. A-40  
 TITLE Seismic Design Criteria

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	100		50	50	20

GRAND TOTAL 220

TASK NO. A-11  
 TITLE Reactor Vessel Materials Toughness

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	10	20
2.	100	-	-	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>100</u>	<u>---</u>	<u>50</u>	<u>40</u>	<u>20</u>

GRAND TOTAL 210

TASK NO. A-36  
TITLE Control of Heavy Loads - Near Spent Fuel

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>100</u>	<u>-</u>	<u>50</u>	<u>30</u>	<u>20</u>

GRAND TOTAL 200

TASK NO. A-4  
 TITLE CF Steam Generator Tube Integrity

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	30	-
3.	-	--	-	-	--
4.	-	--	0	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>100</u>	<u>---</u>	<u>30</u>	<u>50</u>	<u>20</u>

GRAND TOTAL 200

"Unresolved Safety Issue"

TASK NO. A-5  
 TITLE B&W Steam Generator Tube Integrity

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	30	-
3.	-	--	-	-	--
4.	-	--	0	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>100</u>	<u>---</u>	<u>30</u>	<u>50</u>	<u>20</u>
TOTALS					

GRAND TOTAL 200

TASK NO. A-8  
 TITLE Mark II Program

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	30	-
3.	-	--	-	-	--
4.	-	--	0	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>100</u>	<u>---</u>	<u>30</u>	<u>50</u>	<u>20</u>

GRAND TOTAL 200

TASK NO. A-42

TITLE Pipe Cracks In Boiling Water Reactors

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	100	-	20	50	20

GRAND TOTAL 190

TASK NO. A-44  
TITLE Station Blackout

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	100	-	-	20	20
2.	-	-	-	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	=	--	--
TOTALS	100	-	20	50	20

GRAND TOTAL 190

TASK NO. A-12

TITLE Steam Generator and Reactor Coolant Pump Support

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>100</u>	<u>---</u>	<u>50</u>	<u>10</u>	<u>20</u>

GRAND TOTAL 180

TASK NO. B-6  
TITLE Loads, Load Combinations, Stress Limits

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	70	30	-
2.	-	-	-	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
TOTALS			120	60	

GRAND TOTAL 180

TASK NO. A-43  
TITLE Containment Emergency Sum, Reliability,

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	100	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	100	-	20	20	20

GRAND TOTAL 160

TASK NO. A-20  
 TITLE Impacts of the Coal Fuel Cycle

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	-
2.	-	-	50	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	0	0	100	50	0

GRAND TOTAL 150

TASK NO. A-33

TITLE NEPA Reviews of Accident Risks

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	-
2.	-	-	50	30	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	-	-	100	50	-

GRAND TOTAL 150

TASK NO. B-41  
 TITLE Impacts on Fisheries

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	70	—	—
2.	—	—	—	30	—
3.	—	--	—	0	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	—	—	120	30	—

GRAND TOTAL 150

TASK NO. A-21

TITLE MSLB Inside Containment - Equipment Qualification

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	20
2.	30	-	-	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>30</u>	<u>0</u>	<u>50</u>	<u>40</u>	<u>20</u>
TOTALS	30	0	50	40	20

GRAND Total 140

TASK NO. A-34

TITLE Instruments to Follow The Course of An Accident

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	30	—
2.	—	—	—	30	—
3.	—	--	50	—	--
4.	—	--	30	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	<u>—</u>	<u>—</u>	<u>80</u>	<u>60</u>	<u>—</u>

GRAND TOTAL 140

NRR Group 6

RES Category IV : Not Directly Relevant to Risk

TASK NO. A-35  
 TITLE Priority of Objectives Power System

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	20	20
2.	30	—	—	10	—
3.	—	--	—	—	--
4.	—	--	30	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	30	—	60	30	20

GRAND TOTAL 140

TASK NO. B-26  
 TITLE Structural Integrity of Containment Penetrations

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	-
2.	30	-	-	0	10
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	30	-	50	30	10

GRAND TOTAL 140

TASK NO. B-34  
 TITLE Occupational Radiation Exposure Reduction

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	30	—	—	20	20
2.	—	—	—	10	—
3.	—	--	—	—	--
4.	—	--	30	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	<u>30</u>	<u>—</u>	<u>60</u>	<u>30</u>	<u>20</u>

GRAND TOTAL 140

NRR Group 1  
 RES Category I: Potential High Risk

TASK NO. B56

TITLE Diesel Reliability

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENT</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	30	-	-	10	-
3.	-	--	-	-	--
4.	-	--	30	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30		60	30	20

Grand Total 140

TASK NO. B-64

TITLE Decommissioning of Reactors

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	30	—
3.	—	--	50	0	--
4.	—	--	30	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	—	—	110	30	—

GRAND TOTAL 140

TASK NO. B-1

TITLE Environmental Tech Specs

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.			0	30	—
2.			0	0	—
3.		--	50	0	--
4.		--	20	--	--
5.	--	--	30	--	--
6.	--	--	0	--	--
TOTALS	<u>0</u>	<u>0</u>	<u>100</u>	<u>30</u>	<u>—</u>

GRAND TOTAL 130

NRR Group 6

RES Category IV: Not Directly Relevant to Risk

TASK NO. B-2  
 TITLE Forecasting Electricity Demand

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	50	30	-
3.	-	--	-	0	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS			100	30	

GRAND TOTAL 130

TASK NO. B-46  
 TITLE Costs of Alternatives in Environmental Design

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	50	30	-
3.	-	--	-	0	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	=	--	--
TOTALS	-	-	100	30	-

GRAND TOTAL 130

TASK NO. A-15  
 TITLE Primary Coolant System Decontamination

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	30	-	-	30	20
2.	-	-	-	10	-
3.	-	--	-	-	--
4.	-	--	0	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	<u>---</u>	<u>30</u>	<u>40</u>	<u>20</u>

GRAND Total 120

TASK NO. A-30

TITLE Adequacy of Safety-Related DC Power Supplies

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	-
2.	-	-	-	30	-
3.	30	--	-	-	--
4.	-	--	30	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	<u>---</u>	<u>30</u>	<u>60</u>	<u>-</u>

GRAND TOTAL 120

TASK NO. A-37  
TITLE Turbine Missiles

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	30	—
2.	—	—	—	30	—
3.	—	--	10	—	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	60	60	—

GRAND TOTAL 120

TASK NO. A-18

TITLE Pipe Rupture Design Criteria

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	-
2.	-	-	-	10	-
3.	30	--	-	-	--
4.	-	--	30	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	<u>---</u>	<u>60</u>	<u>30</u>	<u>-</u>

GRAND TOTAL 120

TASK NO. B-48

TITLE BWR Control Rod Drive Mechanical Failures

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	20
2.	30	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30	-	50	30	20

GRAND TOTAL 120

Essentially Complete (PCD 12/78)

TASK NO. B-37

TITLE Chemical Discharges to Receiving Water

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	20
2.	—	20	—	30	—
3.	—	--	—	0	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	20	50	30	20

GRAND TOTAL 120

TASK NO. A-14  
TITLE Flaw Detection

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	30	-	-	10	-
3.	-	--	-	-	--
4.	-	--	30	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>30</u>	<u>---</u>	<u>30</u>	<u>30</u>	<u>20</u>
TOTALS					

GRAND TOTAL 110

TASK NO. A-25  
 TITLE NonSafety loads on Class IE Power Sources

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	20	—
2.	—	—	—	10	—
3.	30	--	—	—	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	30	—	50	30	—

GRAND TOTAL 110

TASK NO. A-38  
TITLE Fornado Missiles

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	70	20	—
2.	—	—	—	0	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	90	20	—

GRAND Total - 110

TASK NO. B-10

TITLE Behavior of BWR Mark III Containment

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	-
2.	-	-	-	10	-
3.	30	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	--	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30	-	50	30	-

GRAND TOTAL 110

TASK NO. B-42

TITLE Socioeconomic Environmental Impacts

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	50	10	—
3.	—	--	—	0	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS			100	10	

Grand Total 110

TASK NO. A-13  
TITLE Snubbers

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	20
2.	30	-	-	0	-
3.	-	--	-	-	--
4.	-	--	30	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>30</u>	<u>---</u>	<u>30</u>	<u>20</u>	<u>20</u>
TOTALS					

GRAND TOTAL 100

TASK NO. A-19  
 TITLE Digital Computer Protection Systems

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	20	—
2.	—	—	—	10	—
3.	—	--	50	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	70	30	—

GRAND TOTAL 100

TASK NO. A-28  
TITLE Increase In Spent Fuel Pool Storage Capacity

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	-
2.	-	-	-	10	-
3.	-	--	10	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
TOTALS	-	-	60	40	-

GRAND TOTAL 100

Essentially Complete

TASK NO. A-29

TITLE Nuclear Power Plant Design for the Reduction of Vulnerability to Industrial Sabotage

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	10	-
2.	-	-	-	30	-
3.	-	--	10	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS			60	40	

GRAND TOTAL 100

TASK NO. B-5

TITLE Ductility of Two-Way Slabs and Shells and  
Buckling Behavior of Steel Containments

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	-	--	50	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	-	-	100	0	-

GRAND TOTAL 100

TASK NO. B-15  
TITLE CONTEMPT Computer Code Maintenance

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	50	0	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	100	0	—

GRAND TOTAL 100

TASK NO. B-20  
TITLE Standard Problem Analysis

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	30	—
3.	—	--	—	—	--
4.	—	--	30	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	—	—	70	30	—

GRAND TOTAL 100

TASK NO. B-25  
 TITLE Piping Benchmark Problems

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	50	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	-	-	100	0	-

GRAND TOTAL 100

TASK NO. B-40

TITLE Effects of Power Plant Entrainment on Plankton

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	70	—	—
2.	—	—	—	0	—
3.	—	--	—	—	--
4.	—	--	30	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	100	—	—

Grand Total 100

TASK NO. C-10

TITLE Effective Operation of Containment Sprays in  
a LOCA

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	30	-	-	10	10
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30	-	50	10	10

GRAND TOTAL 100

TASK NO. A-27  
TITLE Reload Application Guide

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	20	—
3.	—	--	50	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	70	20	—

GRAND TOTAL 90

TASK NO. B-3  
TITLE Event Categorization

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	70	-	-
2.	-	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	-	-	90	0	-

GRAND TOTAL 90

TASK NO. B-22  
TITLE LWR Fuel

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	30	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	60	30	—

GRAND TOTAL 90

TASK NO. B59

TITLE N-1 Loop Operation in BWRs and PWRs

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	70	-	-
2.	-	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	-	-	90	0	-

GRAND TOTAL 90

TASK NO. B-54  
TITLE Ice Condenser Containments

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	-
2.	-	-	-	10	✓
3.	30	--	-	-	--
4.	-	--	0	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	-	<u>30</u>	<u>30</u>	-

GRAND TOTAL 90

TASK NO. B-66  
 TITLE Control Room Infiltration Measurements

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	10	-
3.	30	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	-	<u>50</u>	<u>10</u>	-

GRAND TOTAL 90

TASK NO. C-1  
 TITLE Long Term Integrity of Seals on Instruments  
Inside Containment

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	20
2.	30	-	-	10	-
3.	-	--	-	-	--
4.	-	--	30	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	<u>---</u>	<u>30</u>	<u>10</u>	<u>20</u>

GRAND TOTAL 90

NRR Group 3

RES Category III: Negligible Risk Potential

TASK NO. A-22  
 TITLE Pwk. Main Steadline Break

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	20	-
2.	-	-	-	10	-
3.	30	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	30	-	20	30	-

GRAND TOTAL 80

TASK NO. B-28

TITLE Radionuclide/Sediment Transport Program

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	30	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	<u>-</u>	<u>50</u>	<u>0</u>	<u>-</u>

GRAND TOTAL 80

TASK NO. B-8

TITLE Locking Out of ECCS Power Operated Valves

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	20
2.	30	-	-	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30	-	20	10	20

GRAND TOTAL 80

TASK NO. B55

TITLE Improved Reliability of Target-Rock Safety-Relief Valves

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.		-	-	-	20
2.	30	-	-	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>30</u>	<u>---</u>	<u>20</u>	<u>10</u>	<u>20</u>
TOTALS					

Grand Total - 80

TASK NO. B-53  
TITLE Load Break Switch

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	30	-
2.	-	-	-	10	-
3.	-	--	10	-	--
4.	-	--	0	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	-	-	40	40	-

GRAND TOTAL 80

TASK NO. B-61  
 TITLE Analytically Derived Allowable CCS Equipment  
Outage Periods

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	30	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	-	<u>50</u>	<u>0</u>	-

GRAND TOTAL 80

TASK NO. B-71  
TITLE Incident Response

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	20	—
2.	—	—	10	30	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	--	--	--
TOTALS	—	—	30	50	—

GRAND TOTAL 80

TASK NO. A-16  
 TITLE Steam Effects on BWR Core Spray Distribution

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	20	20
2.	30	—	—	0	—
3.	—	--	—	—	--
4.	/	--	0	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	<u>30</u>	<u>—</u>	<u>—</u>	<u>20</u>	<u>20</u>

GRAND TOTAL 70

TASK NO. A-32  
TITLE Missile Effects

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	10	-
2.	-	-	-	10	-
3.	30	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	30	-	20	20	-

GRAND TOTAL 70

TASK NO. B-4  
TITLE ECCS Reliability

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	10	—
3.	30	--	—	—	--
4.	—	--	30	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	<u>30</u>	—	<u>30</u>	<u>10</u>	—

GRAND TOTAL 70

TASK NO. B-9

TITLE Electrical Cable Penetrations of Containment

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	20
2.	30	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30	-	20	0	20

GRAND TOTAL 70

TASK NO. B-11

TITLE Subcompartment Standard Problems

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	50	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	-	-	70	0	-

GRAND TOTAL 70

TASK NO. B-12  
 TITLE Containment Cooling Requirements (Non-Load)

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	20
2.	30	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	30	-	20	-	20

GRAND TOTAL 70

TASK NO. B-13

TITLE Mauviken Test Data Evaluation

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	10	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	60	10	—

GRAND TOTAL 70

TASK NO. B-35  
 TITLE Confirmation of Appendix I Models

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	10	0	-
3.	-	--	-	-	--
4.	-	--	30	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	-	-	70	0	-

GRAND TOTAL 70

TASK NO. B-47

TITLE Inservice Inspection of Supports Class 1, 2, 3 and

MC Components

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	20
2.	30	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	<u>-</u>	<u>20</u>	<u>0</u>	<u>20</u>

GRAND TOTAL 70

TASK NO. B-39  
TITLE Transmission Lines

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	10	—
3.	—	--	10	—	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	—	—	60	10	—

GRAND TOTAL 70

TASK NO. B-44

TITLE Forecasts of Generating Costs of Coal and Nuclear Plants

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	50	30	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	<del>0</del> 30	--	--
6.	--	--	—	--	--
TOTALS	—	—	70	0	—

Grand Total 70

130

TASK NO. B-69  
 TITLE ECCS Leakage Ex-Containment

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	20
2.	30	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30	-	20	0	20

GRAND TOTAL 70

TASK NO. B-72  
 TITLE Health Effects and Life Shortening from Uranium and Coal Fuel Cycles

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	10	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	-	-	60	10	-

GRAND TOTAL 70

TASK NO. C-4  
TITLE Statistical Methods for ECCS Analysis

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	10	10	-
3.	-	--	0	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
TOTALS	-	-	60	10	-

GRAND TOTAL 70

TASK NO. B-19  
TITLE Thermal Hydraulic Stability

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	0	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	60	0	—

GRAND TOTAL 60

TASK NO. B-21  
TITLE Core Physics

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	0	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
TOTALS	—	—	60	0	—

GRAND TOTAL 60

TASK NO. B-49

TITLE Inservice Inspection Criteria and Corrosion Prevention Criteria for Containments

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	20
2.	-	-	-	0	-
3.	-	--	10	-	--
4.	-	--	30	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	-	-	40	-	20

GRAND TOTAL 60

TASK NO. B-38

TITLE Reconnaissance Level Investigations

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	-	--	10	-	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
TOTALS	-	-	60	0	-

GRAND TOTAL 60

TASK NO. B43

TITLE Value of Aerial Photographs for  
Site Evaluation

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING</u> <u>EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.			-	-	-
2.			-	0	-
3.		--	10	-	--
4.		--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
TOTALS			60	0	

Grand Total 60

TASK NO. B-67

TITLE Effluent and Process Monitoring Information

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	-	--	10	<del>---</del>	--
4.	-	--	20	--	--
5.	--	--	30	--	--
6.	--	--	-	--	--
	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
TOTALS	-	-	60	0	-

GRAND TOTAL 60

TASK NO. B-68

TITLE Pump Overspeed During a LOCA

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	10	—
3.	—	--	--	—	--
4.	0	--	20	--	--
5.	--	--	30	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	50	10	—

GRAND TOTAL 60

TASK NO. B-17  
 TITLE Safety-Related Operator Actions

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	30	--	-	<del>1</del>	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	30		20		

GRAND TOTAL 50

TASK NO.

B-24

TITLE

Seismic Qualification of Electrical and Mechanical Equipment

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	20	—
2.	—	—	—	0	—
3.	—	--	10	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	30	20	—

GRAND TOTAL 50

TASK NO. B-32  
 TITLE Ice Effects on Safety-Related Water Supplies

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	30	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	-	<u>20</u>	<u>0</u>	-

GRAND TOTAL 50

TASK NO. B-50  
 TITLE Post-Operating Basis Earthquake

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	10	—
3.	—	--	10	—	--
4.	—	--	30	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	40	10	—

GRAND TOTAL 50

TASK NO. B-51

TITLE Assessment of Inelastic Analysis Techniques  
for Equipment and Components

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.			10	20	-
2.			-	0	-
3.		--	-	-	--
4.		--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
TOTALS			30	20	

Grand Total 50

TASK NO. B-58  
TITLE Panire Mechanical Features

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	30	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30	-	20	0	-

GRAND TOTAL 50

TASK NO. B-60  
TITLE Loose Parts Monitoring

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	10	—
3.	—	--	10	—	--
4.	—	--	30	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	40	10	—

GRAND TOTAL 50

TASK NO. C-7  
TITLE PWR System Piping

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	30	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	30	-	20	0	-

GRAND TOTAL 50

TASK NO. C-8  
 TITLE Main Steam Line Leakage Control Systems

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	30	-	-	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	<u>30</u>	-	<u>20</u>	0	-

GRAND TOTAL 50

TASK NO. B-14  
 TITLE Study of Hydrogen Mixing Capability in Containment  
Post-LOCA

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	10	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	30	10	—

GRAND TOTAL 40

TASK NO. B-27

TITLE Implementation and Use of Subsection NF

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	10	—
2.	—	—	—	0	—
3.	—	--	10	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
TOTALS	—	—	30	10	—

Grand Total 40

TASK NO. B-62  
 TITLE Re-Examination of Technical Bases for  
Establishing Tech Spec Limits

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	0	—
3.	—	--	10	—	--
4.	—	--	30	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	40	0	—

GRAND TOTAL 40

TASK NO. C-5  
TITLE Decay Heat Update

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	10	-	-
2.	-	-	-	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	-	-	30	10	-

GRAND TOTAL 40

TASK NO. C-6  
TITLE LOCA Heat Sources

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	10	-	-
2.	-	-	-	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	-	-	30	10	-

GRAND TOTAL 40

TASK NO. C-9  
 TITLE RHR Heat Exchanger Tube Failures

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	20	—
3.	—	--	—	—	--
4.	0	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	0	—	20	20	—

GRAND TOTAL 40

TASK NO. C-16

TITLE Assessment of Agricultural Land in Relation to Power Plant Siting and Cooling System Selection

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	10	10	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
TOTALS	-	-	30	10	-

GRAND TOTAL 40

TASK NO. B-7  
 TITLE Secondary Accident Consequence Modeling

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	10	—	—
2.	—	—	—	0	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS			30	0	

GRAND TOTAL 30

TASK NO. B-31  
TITLE Dam Failure Model

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	10	—	—
2.	—	—	—	0	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	30	0	—

GRAND TOTAL 30

TASK NO. B-33

TITLE Dose Assessment Methodology

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	0	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	30	0	—

GRAND TOTAL 30

TASK NO. B-36

TITLE Develop, Design Testing and Maintenance  
Criteria for Atmosphere Cleanup System

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	—	0	—
3.	—	--	10	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	30	0	—

GRAND TOTAL 30

TASK NO. B-29  
 TITLE Effectiveness of Ultimate Heat Sinks

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	-	--	10	1	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	-	-	30	0	-

Grand Total 30

TASK NO. B-65  
 TITLE Iodine Spiking

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	10	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS	-	-	30	-	-

GRAND TOTAL 30

TASK NO. B-73

TITLE Monitoring for Excessive Vibration Inside  
the Reactor Pressure Vessel

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	10	-
3.	-	--	-	-	--
4.	0	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	0	-	20	10	-

GRAND TOTAL 30

TASK NO. C-2  
 TITLE Study of Containment Depressurization by  
Inadvertent Spray Operation

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	10	0	-
3.	-	--	-	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	-	-	30	0	-

GRAND TOTAL 30

COMPLETE ?

TASK NO. C-17  
 TITLE Interim Acceptance Criteria for Solidification Agents for Radioactive Solid Wastes

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	0	—
3.	—	--	—	—	--
4.	—	--	20	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	30	0	—

GRAND TOTAL 30

TASK NO. C-3  
 TITLE Insulation Usage Within Containment (Blocking of Vent Paths in Subcompartments)

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	-	--	-	-	--
4.	0	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	0	-	20	0	-

GRAND TOTAL 20

TASK NO. C-11

TITLE Assessment of Failure and Reliability  
of Pumps and Valves

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	-	--	-	-	--
4.	0	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>0</u>	<u>-</u>	<u>20</u>	<u>0</u>	<u>-</u>
TOTALS	0	-	20	0	-

GRAND TOTAL 20

TASK NO. C-15  
 TITLE NUREG Report for Liquid Tank Failure Analysis

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	-	--	0	-	--
4.	-	--	20	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	-	-	20	0	-

GRAND TOTAL 20

TASK NO. B-23  
TITLE LMFBR Fuel

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	—	—	—	—	—
2.	—	—	10	0	—
3.	—	--	—	—	--
4.	—	--	0	--	--
5.	--	--	0	--	--
6.	--	--	—	--	--
TOTALS	—	—	10	0	—

GRAND TOTAL 10

TASK NO. D-1  
 TITLE Advisability of Seismic Scram

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	1	1
2.	-	1	-	10	1
3.	-	--	-	1	--
4.	0	--	0	--	--
5.	--	--	0	--	--
6.	--	--	1	--	--
TOTALS	0	-	0	10	1

GRAND TOTAL 10

NRR Group 3  
 RES Category III: Negligible Risk Potential

TASK NO. B-70

TITLE Power Grid Frequency Degradation and Effect on Primary Coolant Pumps

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	-	0	-
3.	-	--	-	-	--
4.	0	--	0	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
TOTALS	0	-	0	0	-

GRAND TOTAL     0

TASK NO. C-14  
 TITLE Storm Surge Model for Coastal Sites

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.	-	-	-	-	-
2.	-	-	0	0	-
3.	-	--	-	-	--
4.	-	--	0	--	--
5.	--	--	0	--	--
6.	--	--	-	--	--
TOTALS	-	-	0	0	-

GRAND TOTAL 0

TASK NO. A-6  
TITLE Mark I Short Term Program

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
TOTALS					

COMPLETE

TASK NO. A-23  
TITLE Containment Leak Testing

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	---	---	---	---	---

TOTALS

COMPLETE

TASK NO. A-26

TITLE Reactive Vessel Pressure Transient Protection

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
TOTALS					

COMPLETE

TASK NO. A-31  
TITLE \_\_\_\_\_

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--	---	--	--
	---	---	---	---	---
TOTALS					

COMPLETE

TASK NO. B-30  
TITLE Design Basis Floods and Probability

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
TOTALS					

COMPLETE

TASK NO. B-63  
 TITLE Isolation of Low Pressure Systems Connected to the Reactor Coolant Pressure Boundary

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>

TOTALS

COMPLETE

TASK NO. D-3  
TITLE Control Rod Drop Accident

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS					

*Complete*

TASK NO. B-45  
 TITLE Need for Power - Energy Conservation

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
TOTALS					

INCLUDED IN B-2

TASK NO. B-52

TITLE Fuel Assembly Seismic and LOCA Reviews

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
TOTALS					

INCLUDED IN A-2

TASK NO. B57

TITLE \_\_\_\_\_

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	_____	_____	_____	_____	_____
TOTALS					

*Included in A 44*

TASK NO. B-18

TITLE Vortex Suppression Requirements for Containment Sumps

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
TOTALS					

INCLUDED IN A-43

TASK NO. B-16 - Included in A-18

TITLE \_\_\_\_\_

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>

TOTALS

TASK NO. C-12  
 TITLE Primary System Vibration

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>

TOTALS

Should be Included in  
 B-73

TASK NO. C-13  
 TITLE Non-Random Failures

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
TOTALS					

Included in A-9, A-17, A-30

A-35, B-56 and A-44(B-57)

TASK NO. D-2  
 TITLE Emergency Core Cooling System Capability  
for Future Plants

	<u>SAFETY</u>	<u>ENVIRONMENTAL</u>	<u>LICENSING EFFICIENCY</u>	<u>NEED</u>	<u>APPLICABILITY</u>
1.					
2.					
3.		--			--
4.		--		--	--
5.	--	--		--	--
6.	--	--		--	--
TOTALS					

IN RES Improved Safety  
 Research Program

ADVISORY GROUP RECOMMENDATIONS

The Advisory Group has the following recommendations directed toward rejuvenating the NRR generic issues program.

1. The Steering Committee should recommend that Mr. Denton adopt the priority ordering in Enclosure 1 as the Office priorities for generic tasks.
2. The Steering Committee should recommend that Mr. Denton require that the Divisions make manpower and resource commitments to the top 20 priority generic tasks (Enclosure 1). The top 20 tasks include the 19 "Unresolved Safety Issues." We believe that adequate resources are available to work these tasks and recommend that the necessary resources to complete the tasks on schedule be committed by March 1, 1979.
3. Other generic tasks should be assigned resources only after resources have been committed to the top 20 tasks. Resources should be assigned in general agreement with the priority ordering in Enclosure 1. Resource commitments should be worked out by the affected Divisions.
4. Work on the lowest priority tasks should be halted immediately and until such time as the resource commitments are made in accordance with 2 and 3 above.

5. In order to meet the March 1, 1979 date for commitment of resources, the Task Action Plans for those of the top 20 tasks that already have them, should be revised, if necessary, by February 15, 1979. These revisions should be approved by the Director of the lead Divisions and concurred in by the affected Division Directors. A copy of the approved plan should be provided to the Steering Committee. New Task Action Plans for those of the top 20 that do not yet have them, should be submitted to the Steering Committee for approval by February 1, 1979.
6. The Steering Committee should focus its monitoring efforts on the 19 tasks to resolve "Unresolved Safety Issues." Periodic audits of efforts on the other generic tasks can be undertaken as deemed necessary.
7. The Steering Committee should resume routine monitoring of the progress on "Unresolved Safety Issues" in February 1979.

To aid this rejuvenation process, the Advisory Group has the following additional recommendations:

1. The schedule book containing full blown schedule networks, etc., should be limited to "Unresolved Safety Issues."
2. Although we believe that all generic tasks that are being worked on should have an approved Task Action Plan, approval of Task Action Plans and changes to Task Action Plans should be made easier. This can be done by

taking the Steering Committee out of the process to a large degree. We recommend that the Directors of the lead Division for each generic task be allowed to approve changes to Task Action Plans with the Director of other Divisions affected by the change concurring. Copies of the revised Task Action Plans should then be provided to the Steering Committee. If the Steering Committee wished to take action, it could then do so. Approval of new Task Action Plans that address "Unresolved Safety Issues" should remain with the Steering Committee. However, approval of new Task Action Plans for other tasks should be done by the Director of the lead Division in the same manner as Task Action Plan revisions.

3. The Steering Committee should retain responsibility for reviewing proposed new generic tasks, making lead Division and priority assignments for new tasks and for determining whether new tasks qualify as "Unresolved Safety Issues."

One additional recommendation is offered. This is that the resolution of each generic task be documented in a NUREG report. The NUREG report should clearly display the generic task number and title and should include the document that marks resolution of the issue addressed (an SRP revision for instance) and describe the technical bases behind the position. Other documents that are important in documenting the task conclusions should also be included in the NUREG, as appendices for instance. This has been done in DOR and has worked quite well. We

believe that this is the only effective way to assure that the necessary documentation can be found at a later date.

There are other streamlining efforts regarding the TACS system, filing, etc., that we propose to proceed with, without explicit Steering Committee approval to make the program more workable.