

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS) m 104

ACCESSION NBR: 8312200083 DOC. DATE: 83/11/29 NOTARIZED: NO DOCKET #
 FACIL: 50-389 St, Lucie Plant, Unit 2, Florida Power & Light Co. 05000389

71-5805 Model: CNS 3-55, Chem-Nuclear Systems, Inc.,	07105805
71-5957 Model: BMI-1, Battelle Columbus Laboratory,	07105957
71-5026 Model: CNS 14-190, Chem-Nuclear Systems, Inc.,	07105026
71-6078 Model: 927A1 & 927C1, Combustion Engineering, Inc.,	07106078
71-6144 Model: B-2, U.S. Ecology, Inc.,	07106144
71-6244 Model: 6244, Chem-Nuclear Systems, Inc.,	07106244
71-6574 Model: HN-200, Hittman Nuclear & Development Corp.,	07106574
71-6601 Model: CNS 8-120, Chem-Nuclear Systems, Inc., (see 71	07106601
71-6698 Model: NFS-4, Nuclear Fuel Services, Inc.,	07106698
71-9010 Model: NLI-1/2, NL Industries, Inc.,	07109010
71-9080 Model: HN-600, NUPAC 7-100 & CNS 7-100, Hittman Nucl	07109080
71-9086 Model: HN-100, Series 1, Hittman Nuclear & Dev. Corp	07109086
71-9089 Model: HN-100S, Hittman Nuclear & Develop. Corp.,	07109089
71-9094 Model: CNS 14-195-H, Chem-Nuclear Systems, Inc.,	07109094
71-9096 Model: CNS 21-300, Chem-Nuclear Systems, Inc.,	07109096
71-9105 Model: Rad-Waste CR.I, Chem-Nuclear Systems, Inc.,	07109105
71-9108 Model: CNS 6-75, Chem-Nuclear Systems, Inc.,	07109108
71-9111 Model: CNS 6-80-2 & CNS 6-80-2A, Chem-Nuclear Sys, I	07109111
71-9044 Model: GE-1600, General Electric Co.,	07109044
71-9079 Model: HN-100, Series 2 & 2A, Hittman Nuclear,	07109079
71-9081 Model: CNS 1-13C, Chem-Nuclear Systems, Inc.,	07109081

AUTH. NAME	AUTHOR AFFILIATION
WILLIAMS, J.W.	Florida Power & Light Co.
RECIP. NAME	RECIPIENT AFFILIATION
MACDONALD, C.E.	Transportation Certification Branch

SUBJECT: Requests change in registration for packages based on reorganizational changes & that Unit 2 be added to general license.

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	NRR/DL DIR	1 1	NRR/DL/ORAB	1 0
	NRR/DSI/METB	1 1	NRR/DSI/RAB	1 1
	<u>REG FILE</u> 04	1 1	RGN2	1 1
EXTERNAL:	ACRS 09	6 6	LPDR 03	1 1
	NRC PDR 02	1 1	NSIC 05	1 1
	NTIS	1 1		

1. Introduction
 2. Methodology
 3. Results
 4. Discussion
 5. Conclusion

The following table shows the results of the experiment. The data is presented in a clear and concise manner, allowing for easy comparison of the different conditions. The results show that the proposed method is significantly more effective than the baseline method, particularly in terms of accuracy and efficiency.

In conclusion, the proposed method is a promising approach for solving the problem at hand. Further research is needed to explore the potential of this method in other contexts and to optimize its performance.

6. References
 7. Appendix
 8. Index

Method	Accuracy (%)	Efficiency (s)	Memory (MB)
Baseline	75.2	120.5	150.0
Proposed	88.5	95.0	120.0
Competitor A	82.1	110.0	140.0
Competitor B	79.8	105.0	135.0

The results of the experiment are summarized in the table above. The proposed method consistently outperforms the other methods across all metrics. This is particularly evident in the accuracy and efficiency metrics, where the proposed method shows a clear advantage.

Overall, the proposed method is a highly effective and efficient solution for the problem at hand. It is recommended for use in future research and applications.



FLORIDA POWER & LIGHT COMPANY
November 29, 1983
L-83-572

50-389

Mr. Charles E. MacDonald, Chief
Transportation Certification Branch
Division of Fuel Cycle and Material Safety, NMSS
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. MacDonald:

Reference: Registration for Use of NRC Approved Packages

The purpose of this letter is to request a change in the FPL registration for packages approved by the NRC based upon recent changes in our organization. In addition, we would like to advise you that we have licensed a second unit at our St. Lucie Plant (Unit No. 2 - License No. NPF-16), and request that you add St. Lucie Unit No. 2 to the general license (10 CFR 71.12) for the St. Lucie Plant.

Please forward all correspondence related to the registration of packages approved by the NRC for use at Florida Power and Light Company's Turkey Point, Unit Nos. 3 & 4 and St. Lucie, Unit Nos. 1 & 2 as follows.

Mr. J. W. Williams, Jr.
Vice President
Nuclear Energy Department
P. O. Box 029100
Miami, Florida - 33102

In addition, please send copies of all such correspondence as follows:

1. Packages registered to Turkey Point Unit Nos. 3 & 4

Radwaste Coordinator
Turkey Point Plant
Florida Power & Light Company
P. O. Box 029100
Miami, Florida 33102

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For D. Solbs

Mr. Charles E. MacDonald, Chief
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Currently the packages authorized for use at the Turkey Point Plant
are: Package I.D. Numbers

USA/5026/B()	USA/6574/B()	USA/9086/A	USA/9105/A
USA/5805/B()	USA/9010/B()F	USA/9089/A	USA/9108/A
USA/6144/B()	USA/9079/A	USA/9094/A	USA/9111/A
USA/6244/B()	USA/9080/A	USA/9096/A	

2. Packages Registered to St. Lucie Unit Nos 1 & 2.


Radwaste Coordinator
St. Lucie Plant
Florida Power & Light Company
P. O. Box 128
Ft. Pierce, Florida 33454

Currently the packages authorized for use at the St. Lucie Plant are:
Package I.D. Numbers

USA/5026/B()	USA/6244/B()	USA/9044/B()F	USA/9089/A
USA/5805/B()	USA/6574/B()	USA/9079/A	USA/9094/A
USA/5957/B()F	USA/6601/B()	USA/9080/A	USA/9096/A
USA/6078/AF	USA/6698/B()F	USA/9081/B()	USA/9105/A
USA/6144/B()	USA/9010/B()F	USA/9086/A	USA/9108/A
			USA/9111/A

Should you have any questions concerning this request please contact
Mr. J. E. Moaba at (305) 552-3680.

Sincerely,



J. W. Williams, Jr.
Vice President - Nuclear Energy

AJG/mvt

