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Docket Nos. 50-321  
50-366

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Edwin I. Hatch Nuclear Plant  
Additional Information Related to the Staff's Review of the License  
Renewal Environmental Report (TAC Nos. MA8096 and MA8098)

Gentlemen:

By letter dated June 23, 2000, the NRC requested additional information (RAI) related to the review of the license renewal environmental report for the Edwin I. Hatch Nuclear Plant, Units 1 and 2. This letter formally submits Southern Nuclear's (SNC) response to RAIs 19 and 20.

If you have any questions regarding this submittal, please contact this office.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Lewis Sumner".

H. L. Sumner, Jr.

HLS/JTD

Enclosure: SNC Response to RAIs 19 and 20

cc: Southern Nuclear Operating Company  
Mr. P. H. Wells, Nuclear Plant General Manager  
Mr. C. R. Pierce, License Renewal Services Manager  
SNC Document Management (R-Type A02.001)

U. S. Nuclear Regulatory Commission, Washington, D.C.  
Mr. C. I. Grimes, Branch Chief, License Renewal and Standardization Branch  
Mr. L. N. Olshan, Project Manager - Hatch  
Mr. W. F. Burton, Project Manager - Hatch License Renewal  
Mr. J. H. Wilson, Environmental Project Manager - Hatch License Renewal  
Ms. Brenda J. Shelton, Chief, Information and Records Management Branch

U. S. Nuclear Regulatory Commission, Region II  
Mr. L. A. Reyes, Regional Administrator  
Mr. J. T. Munday, Senior Resident Inspector - Hatch

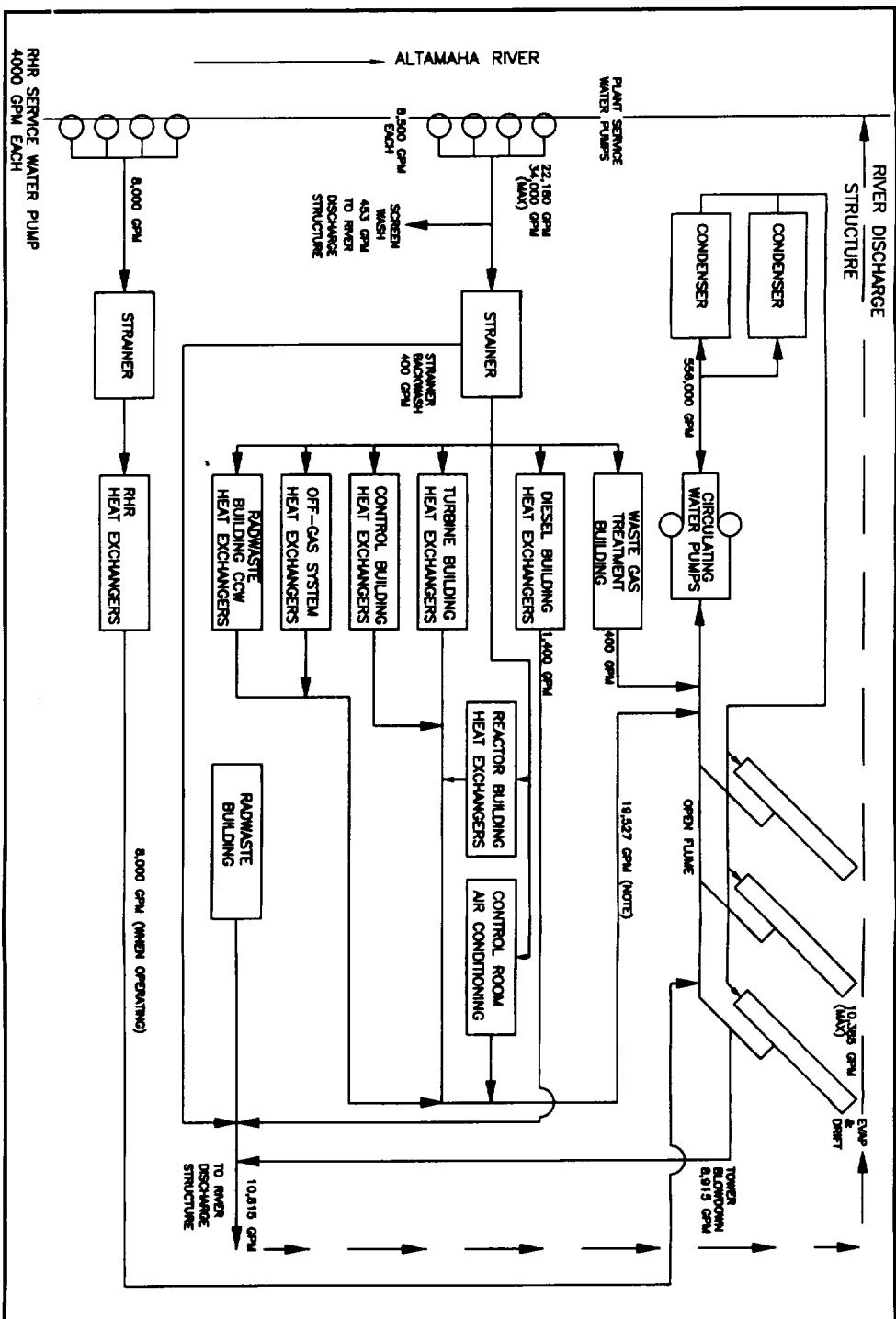
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**Enclosure 1**

**OFFICE OF NUCLEAR REACTOR REGULATION REQUEST FOR ADDITIONAL  
INFORMATION RELATED TO THE STAFF'S REVIEW OF THE ENVIRONMENTAL  
REPORT RELATED TO LICENSE RENEWAL FOR THE EDWIN I. HATCH  
NUCLEAR PLANT, UNITS 1 AND 2 (TAC NOS. MA8096 AND MA8098)**

**Hydrology:**

- 19. The values used in the water system flow schematic (page C-104 of ER) are outdated. Provide a plant water flow diagram with current flow values.**
1. The following revised Figure 2 (page C-104 of ER) reflects the current flow values. The flows are based on the normal mode of operation of the PSW system and are subject to variation depending on the number of components in service.



NOTE: FLOW LEVEL MAY BE CONTROLLED BY ADJUSTING THE TOWER BLOW DOWN AS PER PLANT PROCEDURE. ALSO, THE CIRCULATING WATER MAKEUP DEMAND IS LIKELY TO BE HIGHER THAN INDICATED BY THE DIAGRAM DUE TO THE USE OF ADDITIONAL 'HELPER' TOWER.

# **GEORGIA POWER COMPANY** **PLANT COOLING WATER AND PLANT SERVICE** **WATER SYSTEM FOR UNIT 2**

FIGURE 2

## **Cultural Resources:**

- 20. Provide information regarding previous archaeological or historical field surveys, if any, that have been conducted at the plant site or along the transmission corridors running from the plant. Include all that were completed prior to construction of the plant and associated facilities and any field surveys conducted for areas within the site that are subject to ground disturbance, e.g., forestation and plowing.**

At the time of construction land in the site region was primarily wooded, with a small percent being used for various agricultural purposes. Prior to construction, the plant site by areas consisted of approximately one-half timber, principally pulpwood, and approximately one-half cultivation and pasture. In the Environmental Report for the construction phase of Edwin I. Hatch (HNP), Georgia Power Company contacted the Georgia Historical Commission as required by the National Historic Preservation Act of 1966 and determined that HNP would have no effect on any historical places or landmarks. In addition, there were no known archeological areas that would be affected by HNP. In the FEIS Construction Phase Permit, Georgia Power Company stated that it will cooperate in protecting and aiding exploration of any discoveries should they yet be made on the site. Excavation for HNP did not reveal any archaeologically valuable materials or information. For the preparation of the license renewal Environmental Report, the Georgia Department of Natural Resources, Historic Preservation Division was contacted and provided concurrence that license renewal will have no significant impact upon historic or archaeological resources which are listed or eligible for listing in the National Register of Historic Places and are located within the project's area of potential effects. No other known archaeological or historic field surveys have been conducted on the plant site. Should there be any future discovery of human remains, Native American burial grounds or cemeteries on the Plant Hatch site, "Georgia Power's Human Remains Policy" requires a stop of any activity, securing of the area and contact of appropriate personnel and agencies within 24 hours.