

# INSC Country Report

Country: Brazil

Date: October/2013

Author: Ruth S Alves

## 1. Political situation in nuclear in your country

Nowadays The Country is constructing 1 (one) NPP and there are planning for more 4(four) as described in PNE2030 (National energy Planning) from EPE (Brazilian Energy Research Company). Studies for site locations for these reactors are done, but no political decision was taken.

This month there were public hearing for RMB (Brazilian multi proposal reactor), a research reactor that will be construct in land IPERO- SP, beside the Navy's Aramar Experimental Center that includes the propulsion reactor and all fuel cycle plants being developed by the Brazilian Navy. These initiatives are likely to lead to the development of a nuclear technology hub in the region.

In 2014 There will be election for President and probably no decision will be taken until then.

## 2. News on nuclear facilities (NPP's, WSF's etc.) in your country (power upgrades, lifetime extensions, new build etc.)

There are 2 NPP in operation (Angra1 – 640 MW – PWR Westinghouse supply and Angra2 – 1350 MW- AREVA supply). Studies are being done for Angra1 and 2 for uprate in about 5% each one. The country has the approval from CNEN (Brazilian regulator) for Angra1 and is waiting for the CNEN's Approval for Angra2.

## 3. News on member companies (projects, financial results, production, etc.)

Production (Angra1+Angra2) until September: 10,308,237.53 MWh (NPP capacity: 1,990MW).  
Availability Factor until September : 83.585 %.  
Angra3 – Civil construction (September 2013) : 51%

## 4. Public opinion towards nuclear (results latest PO polls)

With the news about new nuclear capacity in Northeast there is some movement from "green people", but not so much.

Near the existing NPP the polls show good acceptance (more than 70% in favors). In other areas there is not a lot of rejection or interest.

## 5. Stakeholder dialogue (Attitudes of NGOs, media, local communities towards nuclear)

### Local communities towards nuclear:

They are not against the NPP or the Company. Social and environmental programs are very good for people surrounding (Hospital , schools, echo parks, Conventional waste handling, environment monitoring, Training Emergency Plan, etc)

NGOs: The social conviviality is increased through agreements made between the company and the NGO.

Media : Media continues with news from Fukushima three times a week.

28 October 2013